

Cable Support Solutions
Wibe Cable Trays
For demanding applications



85

years of expertise
in cable support

Content

Corrosion classes	XX
Surface treatments	XX
Potential balancing	XX
Electro-magnetic compatibility... XX	
Installation regulations	XX
Standards and quality.....	XX

Overall view of the Cable trays system

Installation summary.....	XX
---------------------------	----

Range

Pre-galvanized	XX
Hot-dip galvanized	XX
Zinkpox	XX
Stainless steel	XX

Use and installation	XX
----------------------------	----

Reference number overview.....	XX
--------------------------------	----

The right surface treatment

– crucial for a successful outcome

A cable support installation is considered to be a long-lasting solution and the life expectancy is dependent on the environment in which it is placed. A thorough investigation of the setting in terms of corrosion, pollution, humidity, salt, sanitary regulations etc will help you make the best choice. Our range of cable trays and accessories covers all types of surface treatments, enabling a reliable, cost-efficient and long-lasting cable support solution.

C1 Electro-galvanized

Indoor environments: Schools, shops, hotels, offices, sports halls etc.

- Very low environmental corrosion.
- Heated areas.
- Arid atmosphere.
- Insignificant quantities of pollutant.
- DIN 50961/ISO 2081.



C2 Pre-galvanized

Partly outdoor environments: Industries, sports halls, warehouses, shops, rural outdoor areas etc.

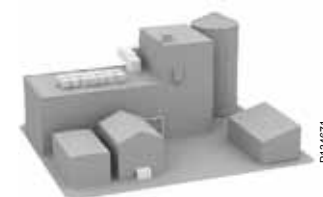
- Low environmental corrosion.
- Non-heated areas with fluctuating levels of temperature and humidity.
- Few instances of condensation and low levels of airborne pollution.
- SS-EN 10327:2004.



C3 Hot-dip galvanized

Indoor- and outdoor environments: Urban and light industrial areas, breweries, dairies, laundries etc.

- Average environmental corrosion.
- Areas with average levels of humidity and some airborne pollution caused by production processes.
- Atmospheres containing some salt or average levels of airborne pollution.
- EN-ISO1461:2009



C4 Hot-dip galvanized

Indoor- and outdoor environments: Chemical plants, industrial and coastal areas, swimming pools, farms, dockyards etc.

- High environmental corrosion.
- Areas with high levels of humidity and considerable air-born pollution.
- Atmospheres with average salt content or discernible levels of airborne pollution.
- EN-ISO1461:2009.



C5-I Zinkpox® (Hot dip galv. + powder coated) Stainless steel AISI 304

Indoor- and outdoor environments: Chemical and heavy industries, tunnels, swimming pools, dockyards etc.

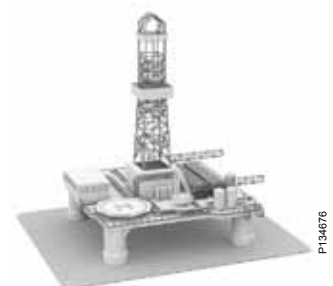
- Very high (industrial) environmental corrosion.
- Areas with almost permanent condensation, large quantities of airborn pollution, high levels of humidity and aggressive atmospheres
- SS2333 RF/AISI 304



C5-M Stainless steel, AISI 316L

Indoor- and outdoor environments: Heavy industries, coastal and offshore areas, purifying plants etc.

- Very high (marine) environmental corrosion.
- Areas with almost permanent condensation and large quantities of airborn pollution. Atmospheres with high salt content.
- SS2348 SF/AISI 316L



The life expectancy of a cable support system is dependent on the environment in which it is placed. Therefore, it is important to establish the corrosive properties of an environment to ensure that the right treatment and the right material are chosen. The table below shows various corrosion classes. As a guide, we have included the surface treatment recommended by Schneider Electric for the different classes.

On the next page, we briefly outline the various surface treatments and materials. As regards environmental corrosion, a steel design component can usually be assigned to one of the corrosion classes (C1 to C5-M) as shown in table A. Reference values for the average level of corrosion in steel and zinc are given in table B. The corrosion classes comply with those stipulated in SS-EN ISO 12944-2.

Table A
Corrosion classes as stipulated by SS-EN ISO 12944-2 with atmospheric corrosion levels and examples of the environment in which they are most suitable for use.

Corrosion class	Environmental corrosion	Examples of typical environments in temperate climates (informative)		Schneider Electric designation	
		Outdoors	Indoors		
C1	Very low	–	Heated areas with arid atmosphere and insignificant quantities of pollutant, e.g. offices, shops, schools and hotels.	Electro-galvanized DIN 50961/ISO 2081	
C2	Low	Atmospheres with low levels of airborne pollution. Rural areas.	Non-heated areas with fluctuating levels of temperature and humidity. Few instances of condensation and low levels of airborne pollution, e.g. sports halls and warehouses.	Pre-galvanized Z 275 in accordance with SS-EN 10327:2004	
C3	Average	Atmospheres containing some salt or average levels of airborne pollution. Urban and light industrial areas. Areas affected by coastal conditions.	Areas with average levels of humidity and some airborne pollution resulting from production processes, e.g. breweries, dairies, laundries.	Hot-dip galvanized after manufacture in accordance with EN-ISO 1461:2009	Zinc+ coating
C4	High	Atmospheres with average salt content or discernible levels of airborne pollution. Industrial and coastal areas.	Areas of high humidity and considerable airborne pollution as the result of production processes, e.g. chemical plants, swimming pools and dockyards.		
C5-I	Very high (industrial)	Industrial areas with high levels of humidity and aggressive atmospheres.	Areas with almost permanent condensation and large quantities of airborne pollution.	Zinkpox® HDG+powder coating	Thermoplastic coating*
				Stainless steel SS2333 AISI 304	
C5-M	Very high (marine)	Coastal and offshore areas with high salt content.	Areas with almost permanent condensation and large quantities of airborne pollution.	Stainless steel SS2348 AISI 316L	

* Only for Wibe Cable ladders

Table B
Mass losses for steel and zinc in various corrosion classes

Corrosion class	Mass loss per surface unit and thickness reduction (1 year of exposure) ¹			
	Steel		Zinc	
	Mass loss (g/m ²)	Thickness reduction (µm)	Mass loss (g/m ²)	Thickness reduction (µm)
C1	≤ 10	≤ 1.3	≤ 0.7	≤ 0.1
C2	> 10 to 200	> 1.3 to 25	> 0.7 to 5	> 0.1 to 0.7
C3	> 200 to 400	> 25 to 50	> 5 to 15	> 0.7 to 2.1
C4	> 400 to 650	> 50 to 80	> 15 to 30	> 2.1 to 4.2
C5-I	> 650 to 1500	> 80 to 200	> 30 to 60	> 4.2 to 8.4
C5-M	> 650 to 1500	> 80 to 200	> 30 to 60	> 4.2 to 8.4

¹ Corrosion speed is generally higher when the material is first exposed

Wibe Cable Trays – Technical and material data

Specification:	Cold formed steels: DX5xD acc. to EN 10346, DC0x acc. to EN 10130, DD1x acc. to EN10111 Structural steels: S235 and S355 acc. to EN 10025-2 AISI 316L acc. to EN ISO10088-2
Density:	7.7-7.85 kg/m ³
Surface treatment:	<ul style="list-style-type: none"> • Pre-galvanized (>20 µm): EN 10346 • Pre-galvanized (>20 µm), powder coated white NCS S 0500-N • Hot-dip galvanized (55-70 µm): EN ISO 1461 • Zinkpox, hot-dip galvanized (55-70 µm) + polyester coating, white RAL 9010 • Passivated (Stainless steel)
Resistance to impact	20 J (IEC 61537)
Temperature range	From -40°C to +120°C

Electro-galvanized

Products are manufactured in accordance with DIN 50961/ISO 2081. Such products are intended for use only in warm, dry areas with negligible pollutant levels.

Pre-galvanized

Products are manufactured from Z 275 pre-galvanized sheet steel in accordance with SS-EN 10327:2004. Under normal conditions, surface sections created during cutting and drilling will repair themselves, providing superb anti-corrosion protection.

Hot-dip galvanized

Schneider Electric has one of the most modern hot-dip galvanization plants in the Nordic countries. The hot-dip process is continuous, guaranteeing a high and even quality. The manufactured products are hot-dip galvanized in accordance with EN-ISO 1461:2009 whilst nuts and bolts are hot-dip galvanized in accordance with SS-EN ISO 10684:2004. This form of galvanization affords very good value-for-money anti-corrosion protection in atmospheres with a pH value of between 6 and 13. However, in acidic environments where pH levels fall below 6 and in alkaline environments where the pH value exceeds 13, the protective zinc layer breaks down relatively quickly.

Zinc+

Zinc+ surface treatment for some accessories (EN 10346) with a metallic Zinc-based alloy coating containing Aluminium and Magnesium that offers ultimate corrosion resistance in aggressive environments (e.g. chloride & highly alkaline). In many cases a good alternative to hot-dip galvanization. Excellent surface finish with self-repairing protection of cut edges (galvanic protection).

Zinkpox®

The Zinkpox® method involves applying a homogenous polyester coating to the zinc layer. Besides resisting light-initiated degeneration and weathering, this powder coating has excellent mechanical properties as regards impact resistance and adhesion. It is also resistant to most chemicals. Compared to hot-dip galvanizing, applying a polyester coating to the zinc layer more than doubles the service life of treated components. The zinc layer prevents the development of filiform corrosion. This might otherwise degrade the coating. Consequently, the polyester coating is subject only to atmospheric attack and thus protects the zinc layer. The certified coating plant that treats our components uses a modern and environment-friendly process. Before powder coating, the galvanized components undergo meticulous pre-treatment. This ensures superb adhesion. In addition to extremely good corrosion protection, the Zinkpox® method also offers a choice of colours. Powder coating is a very environment-friendly way of achieving a coloured surface. Because the coating contains no solvents, it has largely replaced solventbased liquid coatings. Where installations are visible, cable trays and fittings can be finished in a coating that matches the surrounding décor.

Thermoplastic coating

An option for corrosive environments. Thermoplastic coating is a thermal process in which a plastic powder is melted to give the component (most usually metal) a special coat. Thermoplastics are predominantly employed in aggressive environments up to and including corrosion class C5-M (ISO 12944-6), where they provide hardwearing, long-lasting and environment-friendly protection against, among other things, corrosion. Because the coating process is thermal with no solvents, it has minimal impact on the environment. Thermoplastic coatings meet the requirements

of the most aggressive environments, e.g. wet, humid environments and those with large temperature variations and concentrations of chemicals. Besides durability, the coatings also have high impact resistance. As the coating provides complete cover, is pore-free and strong, it is also hygienic and dirt repellent. V0 fire rating (UL94), UV resistant.

Stainless steel

Products manufactured in accordance with SS 2333/AISI 304 or SS 2348/AISI 316L are designed for use in highly aggressive environments, either indoors or outdoors, on industrial sites where there are high levels of potent airborne pollution such as in certain chemical industries, cellulose-related industries, refineries or artificial fertilizer factories, high humidity tunnels, etc. Stainless steel products are also ideal for use in environments where special hygiene requirements are in force, such as dairies, abattoirs, other food industries and pharmaceutical factories.

Stainless steel AISI 304 or AISI 316L

The deciding factor in choosing between stainless steel AISI 304 or AISI 316L is the aggressiveness of the environment in which it is to be used, and for this atmospheric chlorine content plays a significant role. Environments with a high chlorine content, coastal areas being a prime example, are aggressive and usually require the use of AISI 316L materials. When assessing the needs of factories, consideration should be given to the materials previously used to suspend equipment such as pipe tubing, and from this determine whether stainless steel AISI 304 or AISI 316L material is required.

To consider when installing Stainless Steel Cable Trays

- 1. Transport/handling:** Make sure that no iron objects come into contact with the stainless steel products.
- 2. Storing:** Never store stainless steel products close to where iron products are machined, for example close to cutting and grinding operations
- 3. Welding:** Welding during installation should be avoided where possible. If welding must be performed, make sure that only methods suitable for stainless steel are used.
- 4. Tools:** When cutting or grinding, always use cutting wheels and grinding tools which are free from iron. Do not use tools that have been previously used for cutting or grinding products containing iron. When drilling, use an HSS-drill. To maximize the useful life of the drill, employ a cooling fluid during drilling. When installing, conventional assembly tools can be used. However, when using a nut tightener, ensure that the thread is first lubricated to prevent jamming.

Never mix untreated or galvanized products with stainless steel.

5. Measures: If a blue annealing appears when cutting, grinding or drilling, re-move it with pickling paste, making sure that the paste is then carefully washed away with water. If selective corrosion appears it can be removed by:

- a) Washing away with water (high-pressure if possible).
- b) Polishing with a cleaning cloth or a fine emery paper (wet or dry) and washing with water.
- c) Grinding with a fine-grained wheel and washing with water.
- d) Pickling with pickling paste, making sure that the pickling paste is then carefully washed away with water.

6. When using pickling paste or similar products, always study the safety code for the product prior to use.

Electrical continuity and earthing

The standard EN 61537 establishes that for cable trays with electrical continuity characteristics (metal), this continuity should be guaranteed by means of an equipotential connection and one or several connections to earth in accordance with the use of the tray system.

The impedance must not exceed:
 - 50 mΩ through the joint.
 - 5 mΩ x metre of cable trays. (*)

(*) Currently this value is studied through document IEC/SC23A/WG12, CLC/TC213/WG-5 – 765. It will be changed to 50 mΩ x metre.

The metre length and joining systems for the different sections that Schneider Electric has, as well as the joints of the different accessories supplied, comply with

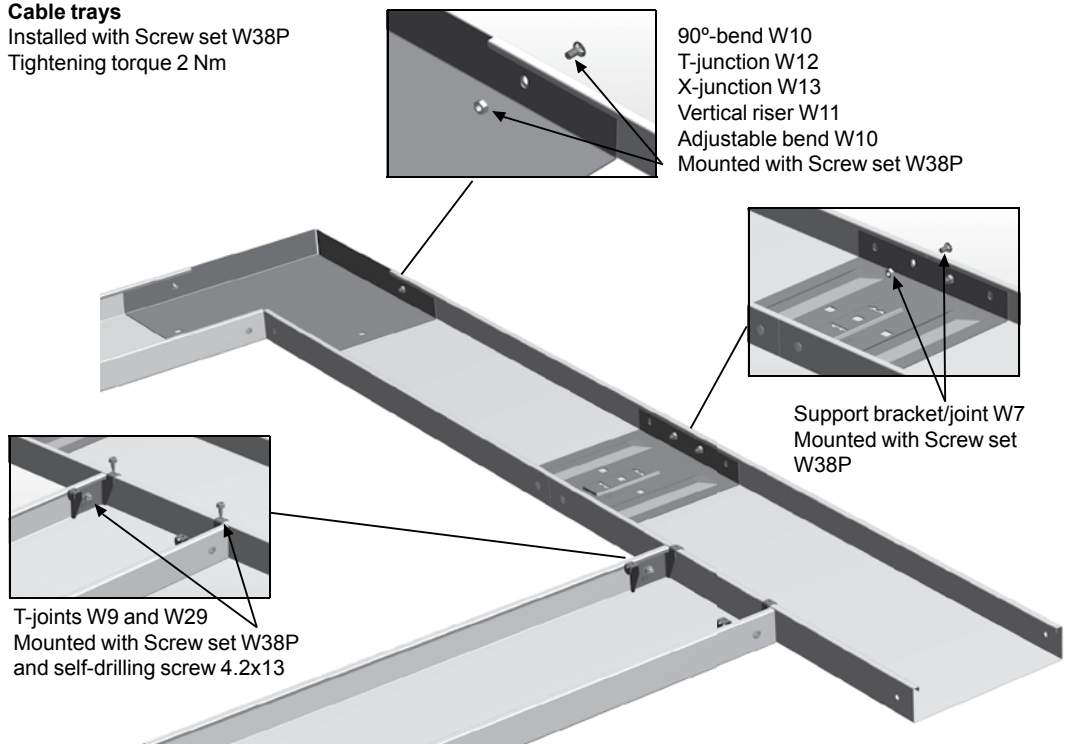
the electrical continuity test established in the aforementioned standard, guaranteeing the impedance established. To guarantee these impedance values tightening torque values of no less than 5 Nm are recommended, always using the joints recommended for each tray type, and taking sizes into account.

To guarantee a safe installation, Schneider Electric recommends a proper earthing of all the elements that make up the system (sections and accessories), using the accessories designed specifically for this purpose.

SCHNEIDER ELECTRIC RECOMMENDS NOT TO USE THE TRAY AS EARTH OR NEUTRAL CONDUCTORS. SCHNEIDER ELECTRIC IS NOT RESPONSIBLE OF ANY DAMAGE IF YOU USE ACCESSORIES FROM OTHER MANUFACTURERS.

Cable trays

Installed with Screw set W38P
 Tightening torque 2 Nm



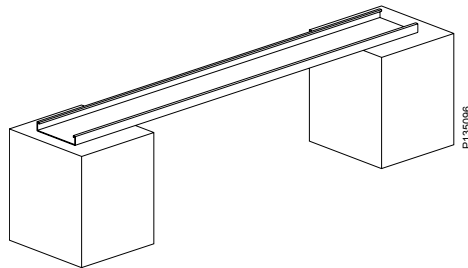
Product	Ohm/m
Cable Tray W1-200, white, with Joint W7, white + Screw set W38P, white	0,0026
Cable Tray W1-200, pre-galv, with Joint W7, pre-galv + Screw set W38P	0,00114
Cable Tray W1-200, pre-galv, with Joint W7, pre-galv + blind rivet	0,00118
Cable Tray W1-200, white, with Joint W7, pre-galv + Screw set W38P, white	0,003
Cable Tray W1-200, white, with Joint W7, pre-galv + blind rivet. (Paint taken away at the blind rivet)	0,00370

Electromagnetic Compatibility

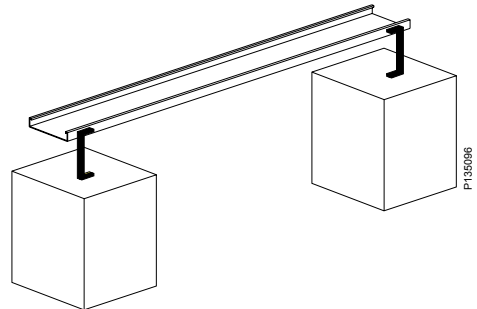
Schneider Electric has performed measurements at EMC Services in Gothenburg regarding EMC requirements, report RE-10273-17181. The results show that the shielding performance of both incoming and emitted fields is good concerning Wibe cable trays.

When correctly installed Wibe cable trays products work as a protective earth structure. This means that Schneider Electric products can be used to achieve good engineering practice in accordance with the EMC directive 2004/108/EG.

Recommended installation examples

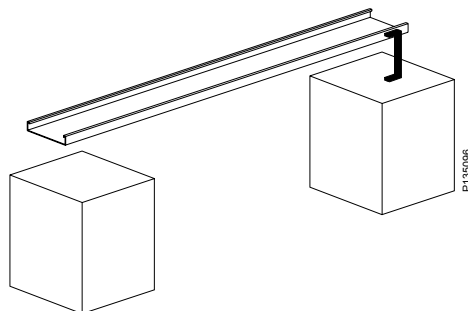


Metal against metal connection
- the ultimate installation

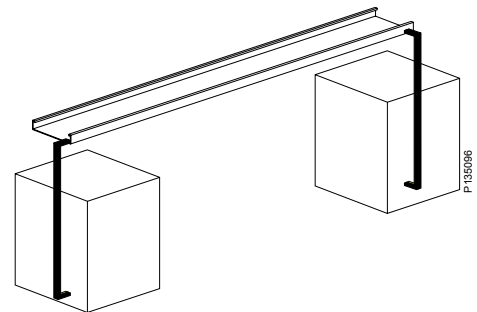


Short double connection
- realistic installation

Not recommended installation examples



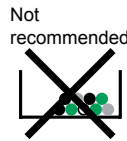
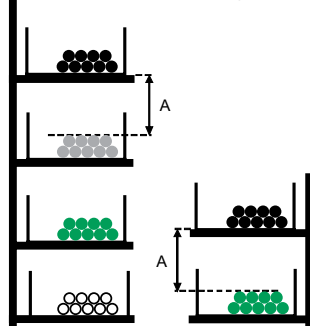
Single connection
- poor installation



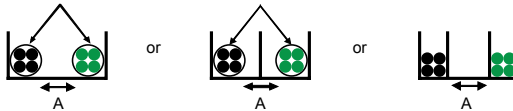
Long double connection
- in best case EMC neutral

Minimum separation distance (mm), figure A

Recommended cable management



Recommended cable management on common cable tray



The cables should be fixed to the tray or bundled

- Power cables
- Data cables
- Control cables
- Sensitive cables like instrumentation cables
- A Separation distance

No fixing or bundling needed.

Installation of cable tray

Full design data is given according to EN 61537 in the Range part in this catalogue showing all maximum and recommended loadings. Graphs are given in this catalogue to show the deflection against loading for various support distances. Any support system which is supported at intervals and loaded will deflect between the support intervals. Test model type 1 is used for all cable tray ranges.

Installation recommendations for cable trays

The cable trays should be installed in such a way that, as often as possible, the cables can be laid directly in place rather than being pulled through. Trays for current carrying cables along the ceiling should be installed in such a way that the distance from the top of the tray to the ceiling is not less than 300 mm. The free vertical distance between parallel trays shall be at least 200 mm. Trays near walls should be installed with a minimum free distance of 50 mm to the wall, so that cables can pass between the trays and the wall. Trays along partition walls should be installed with a minimum free distance of 100 mm to the wall. Sharp edges and screw ends on trays should be removed before the cables can be installed. Expansion bolts for the installation of brackets/fixings should be installed with such a distance between them, that the designated load for trays will not be exceeded. When selecting the distance between cantilever arms or brackets/fixings, the bearing strength and designated load of the trays must be taken into consideration.



Wibe Cable tray system meets the following standards:

IEC 61537
 UNE EN 50102
 UNE EN ISO 9227

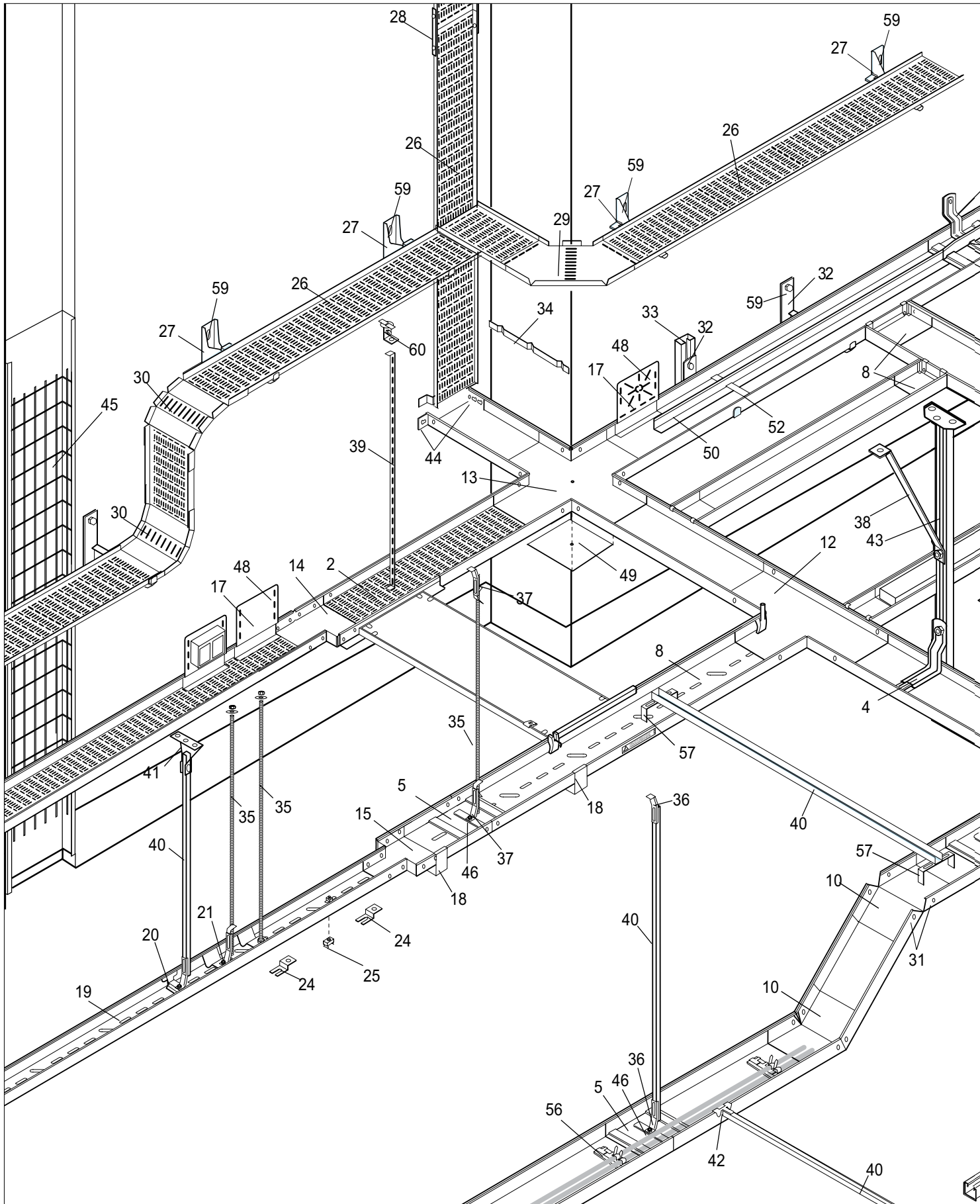
Tests and Certificates	Test made by
Wibe cable tray as conductor of equipotential bonding according to IEC 61537,11:1.	SP, Sweden
Wibe cable tray is approved for use in USA and Canada according to Underwriters Laboratories, UL E-80034.	UL, USA
Wibe cable tray is approved by Det Norske Veritas (DNV) for offshore and ship-yard use.	DNV, Norway
Wibe cable tray is approved by Russian Maritime Register of Shipping, RS type approval certificate 10.02103.011.	Russian Maritime Register of Shipping, Russia

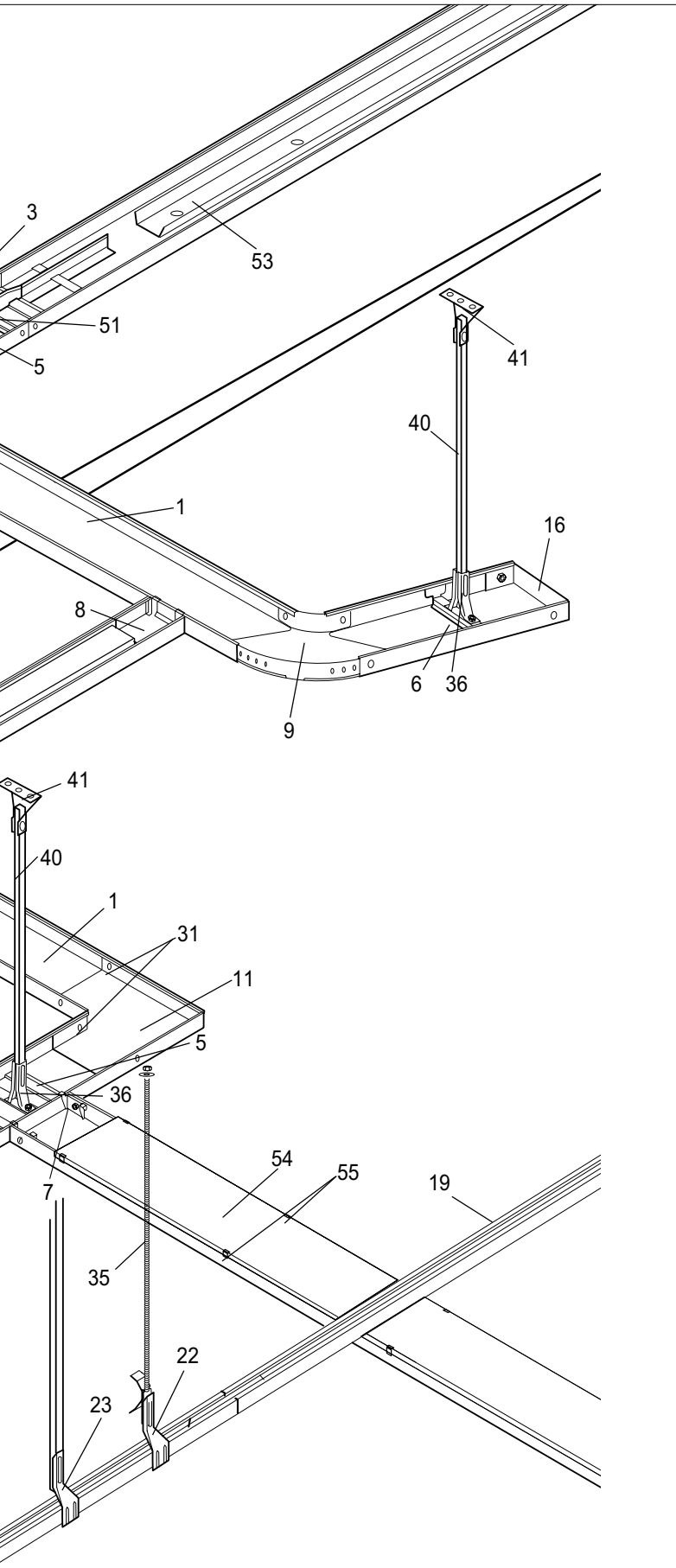
Management system - Quality and Environment
 Schneider Electric has a third-party certified management system for quality and environment in accordance with ISO 9001:2008 and ISO 14001:2004.

CE-marking of products
 The CE-marking of products is placed on the product or on the packing according to "Declaration of Conformity" (DOC), applicable to Schneider Electric Cable Support System.

EMC directive 89/336 EEC
 The Cable Support System is neutral according to the EMC directive 89/336 EEC.

Low voltage directive 73/23 EEC
 According to the low voltage directive we refer to:
 SFS 1993:1068 Regulations concerning electrical material.
 SFS 1993:1068 General obligations regarding electrical material.
 Schneider Electric fulfills the demands according to the harmonized standard SS-EN 6153 Edition 1:2002.

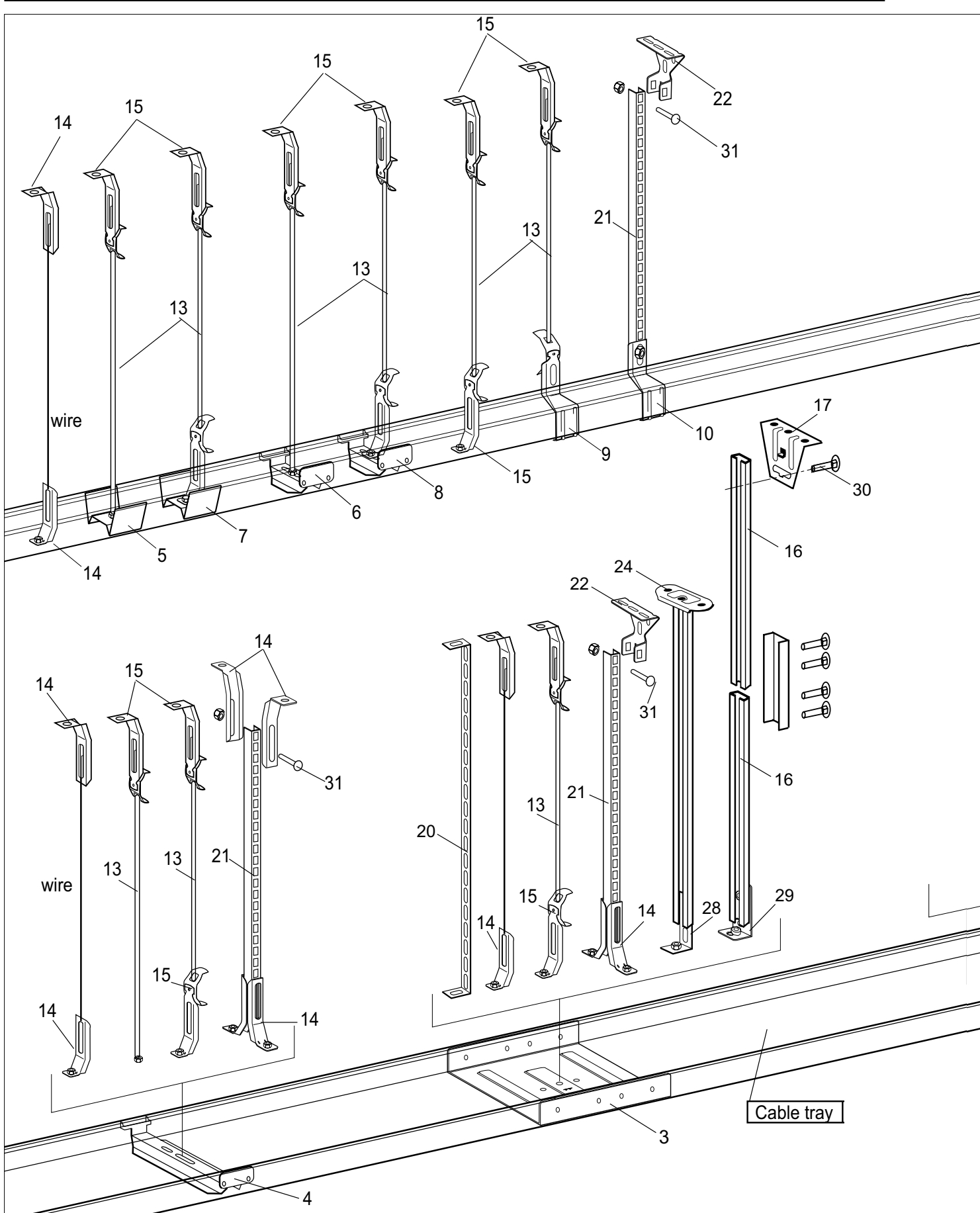


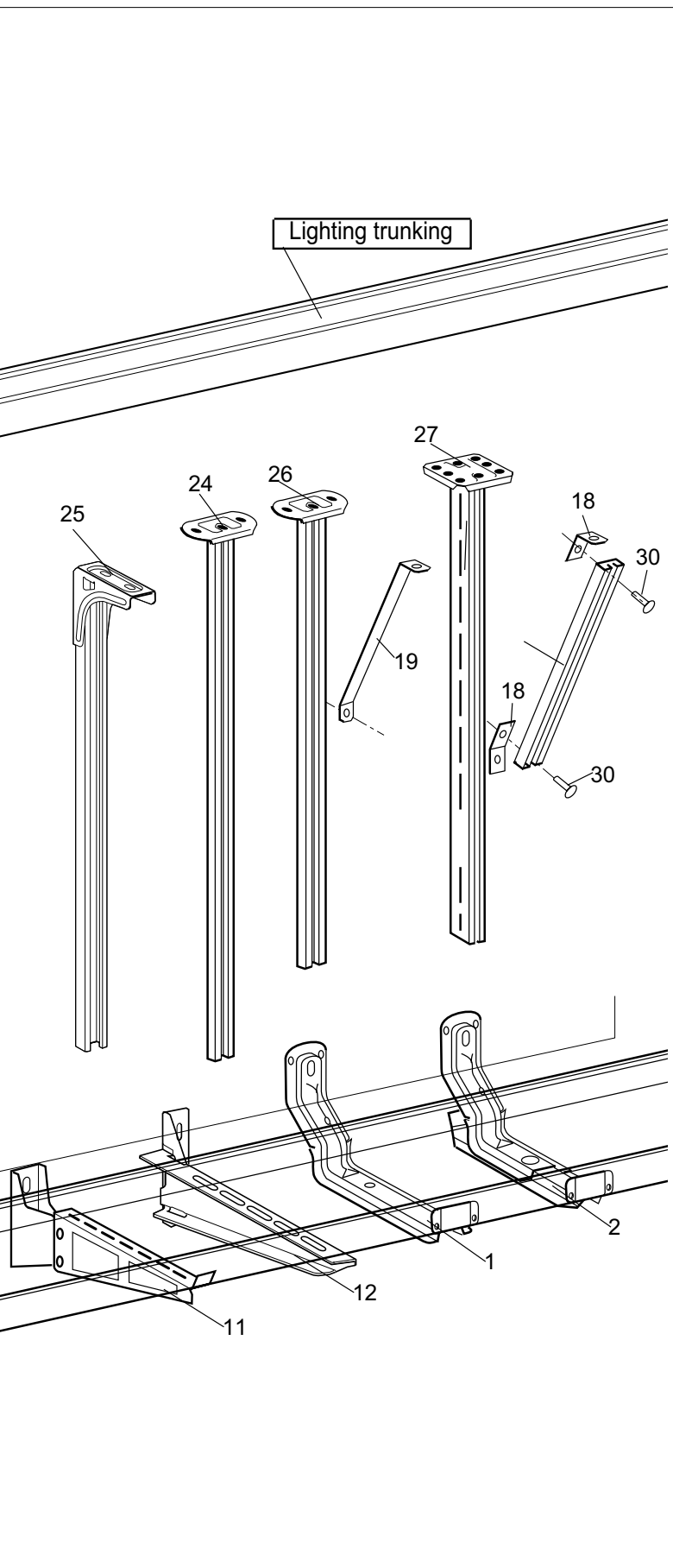


Components

- 1 Cable tray W1/40
- 2 Cable tray W3/40
Cable tray system W1/60, W3/60 209-231
- 3 Internal cantilever arm W17/40167
- 4 Adjustable cantilever arm W1840 168
- 5 Support bracket/joint W7/40
- 6 Support bracket W1940
- 7 T-joint W9/40
- 8 T-joint W29/40
- 9 Adjustable bend W10/40
- 10 Vertical riser W11/40
- 11 90° bend W10/40
- 12 T-junction W12/40
- 13 X-junction W13/40
- 14 Reducer W28
- 15 Reducer W28
- 16 End cover W45/40
- 17 Junction box plate W24/40
- 18 Luminaire bracket W25/40
- 19 Lighting trunking W70, W71
- 20 Support bracket W20
- 21 Support bracket W20A
- 22 Pendant bracket W80
- 23 Pendant bracket W81
- 24 Luminaire bracket W35
- 25 Luminaire bracket W55
- 26 Installation tray W4
- 27 Cantilever arm 50i, 81
- 28 Joint W2
- 29 90° bend W4
- 30 Vertical riser W4
- 31 Screw set W38P
- 32 Cantilever arm 50
- 33 Mounting rail 40
- 34 Mounting rail WMS15, WMS25
- 35 Threaded rod W76 M6, M8, M10
- 36 Pendant attachment W21
- 37 Tube pendant attachment W73
- 38 Pendant bar 1
- 39 Pendant strip W33
- 40 Pendant rail W32
- 41 Ceiling attachment W31
- 42 Locking clamp W77
- 43 Vertical piece 2F
- 44 Angle bracket W8
- 45 Fixing tray N for casting-in
- 46 Screw set W36/W36C
- 48 Earth clamp W79
- 49 Cover plate W16
- 50 Dividing strip 39
- 51 Insert piece W39
- 52 Support band W6
- 53 Tele-conduit 36
- 54 Cover W5
- 55 Cover clamp W62
- 56 Strip fixing W44
- 57 Luminaire bracket W50
- 59 Expansion bolts
- 60 Fixings-Ogebe

Suspension components






Components

- 1 Internal cantilever arm W17/40
- 2 Adjustable cantilever arm W1840
- 3 Support bracket/joint W7/40
- 4 Support bracket W1940
- 5 Support bracket W20-70
- 6 Support bracket W20-100
- 7 Support bracket W20A-70
- 8 Support bracket W20A-100
- 9 Pendant bracket W80
- 10 Pendant bracket W81
- 11 Cantilever arm 50i
- 12 Cantilever arm 81
- 13 Threaded rod W76 M6, M8, M10
- 14 Pendant attachment W21
- 15 Tube pendant attachment W73
- 16 Pendant/Fixing rail 24/34
- 17 Ceiling bracket 5
- 18 Bracket 60/40
- 19 Pendant bar 1
- 20 Pendant strip W33
- 21 Pendant rail W32
- 22 Ceiling attachment W31
- 24 Vertical piece 2
- 25 Vertical piece 2Fi
- 26 Vertical piece 2F
- 27 Vertical piece 20
- 28 Angle bracket W8
- 29 Angle bracket W8S
- 30 Screw set 22S

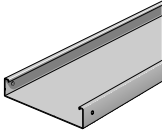
Steel cable trays

Pre-galvanized
Corrosion class C2

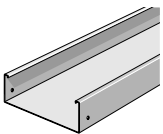
Cable trays, unperforated

Type	Dimensions A/B/C mm		Weight kg/100 m	EAN code	Ref. No.
Cable tray W1					
Unperforated cable tray for indoor applications in dry environments. System height 40 mm. Provided with holes Ø 5.8 mm at the tray end to be used for fixation of joints. Material: Steel, pre-galvanized.					
W1/40-70	40/70/2000 40/70/3000		95	7321677132515 7321677208227	713251 720822
W1/40-100	40/100/2000 40/100/3000		115	7321677132522 7321677209842	713252 720984
W1/40-200	40/200/2000 40/200/3000		170	7321677132546 7321677209859	713254 720985
W1/40-300	40/300/2000 40/300/3000		400	7321677132560 7321677266647	713256 726664
W1/40-400	40/400/2000 40/400/3000		500	7321677132577 7321677266654	713257 726665
W1/40-500	40/500/2000 40/500/3000		710	7321677132584 7321677266661	713258 726666
W1/40-600	40/600/2000 40/600/3000		825	7321677232192 7321677266678	723219 726667
W1/40-500 FS	40/500/2000		715	7321677868315	786831
W1/40-600 FS	40/600/2000		830	7321677868322	786832
Unperforated cable tray for indoor applications in dry environments. System height 60 mm. Provided with holes Ø5.8 mm at the tray end to be used for fixation of joints. Material: Steel, pre-galvanized.					
W1/60-70	60/70/2000		165	7321677819997	781999
W1/60-100	60/100/2000		185	7321677820009	782000
W1/60-200	60/200/2000		335	7321677820016	782001
W1/60-300	60/300/2000		440	7321677239740	723974
W1/60-400	60/400/2000		540	7321677239757	723975
W1/60-500	60/500/2000		755	7321677239764	723976
W1/60-600	60/600/2000		870	7321677239771	723977
W1/60-500 FS	60/500/2000		760	7321677820467	782046
W1/60-600 FS	60/200/2000		875	7321677820474	782047

B22457



B224188



Steel cable trays

Pre-galvanized

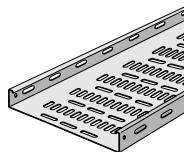
Corrosion class C2

Cable trays, perforated

Type	Dimensions A/B/C mm	Weight kg/100 m	EAN code	Ref. No.
------	------------------------	--------------------	----------	----------

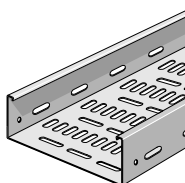
Cable tray W3

Perforated cable tray for indoor applications in dry environments. System height 40 mm. Provided with holes Ø 5.8 mm at the tray end to be used for fixation of joints. Oval holes along the lateral side of the tray can be used for mounting of accessories.
Material: Steel, pre-galvanized.



W3/40-50	40/50/3000	103	7321677353880	735388
W3/40-70	40/70/3000	120	7321677353897	735389
W3/40-100	40/100/3000	136	7321677353903	735390
W3/40-150	40/150/3000	170	7321677353910	735391
W3/40-200	40/200/3000	196	7321677353927	735392
W3/40-300	40/300/3000	316	7321677353934	735393
W3/40-400	40/400/3000	390	7321677353941	735394
W3/40-500	40/500/3000	590	7321677353958	735395
W3/40-600	40/600/3000	683	7321677353965	735396

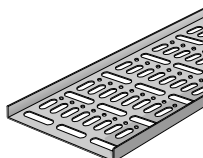
Perforated cable tray for indoor applications in dry environments. System height 60 mm. Provided with holes Ø 5.8 mm at the tray end to be used for fixation of joints. Oval holes along the lateral side of the tray can be used for mounting of accessories.
Material: Sheet steel, pre-galvanized.



W3/60-70	60/70/3000	150	7321677822027	782202
W3/60-100	60/100/3000	180	7321677822034	782203
W3/60-150	60/150/3000	200	7321677822041	782204
W3/60-200	60/200/3000	240	7321677822058	782205
W3/60-300	60/300/3000	337	7321677822065	782206
W3/60-400	60/400/3000	440	7321677822072	782207

Installation tray W4

Perforated installation tray for indoor applications in dry environments. To be used when leading cables down from a cable ladder to machine cabinets, etc. Provided with holes Ø 3.5 mm in the bottom segment of the tray for the clamping of cables with plate screws.



W4-50	15/50/1960	57	7321677366033	736603
	15/50/3000		7321677359882	735988
W4-75	15/75/1960	76	7321677366040	736604
	15/75/3000		7321677359899	735989
W4-100	15/100/1960	93	7321677366057	736605
	15/100/3000		7321677359905	735990
W4-150	15/150/1960	125	7321677366064	736606
	15/150/3000		7321677359912	735991
W4-200	15/200/1960	195	7321677366071	736607
	15/200/3000		7321677359929	735992
W4-250	15/250/1960	228	7321677366088	736608
	15/250/3000		7321677359936	735993
W4-300	15/300/1960	238	7321677366095	736609
W4-400	15/400/1960	313	7321677366101	736610

Steel cable trays

Pre-galvanized

Corrosion class C2

Lighting trunking

Type	Dimensions A/B/C mm	Weight kg/100 m	EAN code	Ref. No.
Lighting trunking W70-40				
Cable tray with bottom perforation for indoor applications in dry environments. System height 22 mm, length 2995 mm. The oval hole pattern at the base of the tray can be used for mounting of lighting fixtures. Material: Steel, pre-galvanized.				
W70-40	22/40/2995	107	7321677209804	720980
Lighting trunking W70-70, -100, -200				
Cable tray with bottom perforation for indoor applications in dry environments. System height 40 mm, length 3000 mm. Oval holes 9x5.8 mm on the lateral sides of the tray end can be used for fixation of joints. The oval hole pattern at the base of the tray can be used for mounting of lighting fixtures. On every 500 mm a 45° turned oval hole is placed to easily guide fast connectors into the tray. Material: Steel, pre-galvanized.				
W70-70	40/70/3000	274	3606480410383	CSU794123
W70-100	40/100/3000	323	3606480410345	CSU794124
W70-200	40/200/3000	487	3606480410369	CSU794125
Lighting trunking W71				
Cable tray with bottom perforation for indoor applications in dry environments. System height 40 mm, length 6000 mm. Provided with holes Ø 5.8 mm at the tray end to be used for fixation of joints. Oval hole pattern in the bottom segment of the tray can be used for mounting of lighting fixtures. Material: Steel, pre-galvanized.				
W71-70	40/70/6000	130	7321677345113	734511
W71-100	40/100/6000	153	7321677345120	734512

Covers

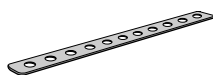
Cover	Weight kg/100 pcs
Cover W5	
Cover to be used to protect the cables inside the cable tray against damages, dust, liquids, UV-influence, etc. Material: Sheet steel, pre-galvanized.	
W5-70	10/71/2000 100
W5-100	10/101/2000 140
W5-150	10/151/2000 190
W5-200	10/201/2000 250
W5-300	10/301/2000 360
W5-400	10/401/2000 680
W5-500	10/501/2000 840
W5-600	10/601/2000 700
Cover clamp W62	
Cover clamp to be used for the fixing of covers on cable trays W1/W3 as well as on lighting trunking W70/W71. Material: Stainless steel 304.	
W62	-/15/10.5 0.8

Dividers

Dividing strip 39				
Dividing strip to be used to separate power and data communication cables inside a W1/W3 cable tray or W70/W71 lighting trunking. Mounted with Support band 6. Material: Steel, pre-galvanized.				
39/24	24/24/1760	46	7321677188352	718835
39/55	55/24/1750	73	7321677257850	725785
Insert piece W39				
Insert piece to be used to join Dividing strips 39/24 in cable tray W1/W3 and lighting trunking W70/W71. The Insert piece can be positioned on Support bracket/joint W7/40 to ensure a continuous separation of cables inside the cable tray. Material: PP, natural coloured.				
W39	37/-/330	3	7321677168248	716824
Insert piece W39/55				
Insert piece to be used to join Dividing strips 39/55 in Cable trays W1/60 or W3/60. The insert piece can be positioned on Support bracket/joint W7/60 to ensure a continuous separation of cables inside the cable tray. Material: Sheet steel, pre-galvanized.				
W39/55	54/4.4/400	19	7321677822997	782299

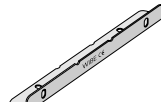
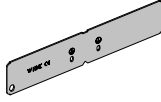
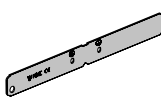
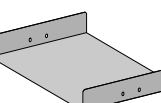
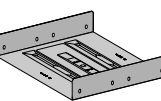
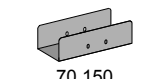
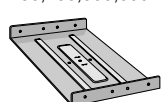
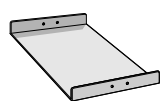
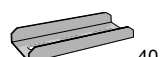
Dividers

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
Support band W6				
Support band to be placed inside cable trays to fix the lateral position of one or several Dividing strips W39. The holes in the support band and the locking pins in Dividing strip W39 enable an adjustment of the lateral positioning of the dividing strip with an interval of 25 mm. Material: Sheet steel, pre-galvanized.				
W6-70	-/18/67	1.0	7321677188284	718828
W6-100	-/18/97	1.4	7321677188291	718829
W6-200	-/18/197	2.8	7321677188307	718830
W6-300	-/18/297	4.3	7321677188314	718831
W6-400	-/18/397	5.7	7321677188321	718832
W6-500	-/18/497	7.2	7321677188338	718833
W6-600	-/18/597	8.6	7321677188345	718834



Joints


Support bracket/joint W7				
To be used as a support bracket or joint for cable tray W1/40, W3/40 and for lighting trunking W70/W71. When joining cable tray W1/40 FS (reinforced), side joint W49/40 must be used. Material: Sheet steel, pre-galvanized.				
W7/40-40	18.5/36/180	12	7321677184804	718480
W7/40-50	38/48/200	14	7321677345540	734554
W7/40-70	38/68/200	16	7321677208258	720825
W7/40-100	38/98/200	25	7321677170210	717021
W7/40-150	38/148/200	35	7321677345557	734555
W7/40-200	38/198/200	43	7321677170227	717022
W7/40-300	38/297/300	110	7321677170234	717023
W7/40-400	38/397/300	140	7321677170241	717024
W7/40-500	38/498/300	170	7321677209903	720990
W7/40-600	38/598/300	200	7321677231805	723180
Support bracket/joint W7				
To be used as a support bracket or joint for cable tray W1/60, W3/60. When joining cable tray W1/60 FS (reinforced), side joint W49/60 must be used. Material: Sheet steel, pre-galvanized.				
W7/60-70	58/68/152	22	7321677822096	782209
W7/60-100	58/98/200	33	7321677184453	718445
W7/60-150	58/148/200	41	7321677822102	782210
W7/60-200	58/198/200	49	7321677184460	718446
W7/60-300	58/297/300	122	7321677184477	718447
W7/60-400	58/397/300	152	7321677184484	718448
W7/60-500	58/498/300	180	7321677822119	782211
W7/60-600	58/598/300	210	7321677822126	782212
Side joint W49				
Side joint to be used for straight joining of cable tray W1/40 and W3/40. Material: Sheet steel, pre-galvanized.				
W49/40	37.5/-/300	17	7321677868353	786837
W49/60	58/-/300	27	7321677822676	782267
Joint W2				
Side joint to be used for straight joining of installation tray W4. Material: Sheet steel, pre-galvanized.				
W2	15/25/200	8	7321677885725	788572



Steel cable trays

Pre-galvanized
Corrosion class C2

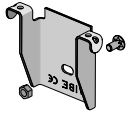
Joints

Type	Dimensions A/B/C mm		Weight kg/100 pcs	EAN code	Ref. No.
T-joint W9					
T-joint to be used to construct T-sections or X-sections. Also used for oblique branches. The ref. number includes two pieces of T-joints and Screw set W38P. Material: Sheet steel, pre-galvanized.					
W9/40	40/72.5/20		6	7321677182053	718205
W9/60	60/72.5/20		5	7321677822171	782217
T-joint W29					
T-joint to be used to construct T-junctions or X-junctions. Easy push-in assembly. Locks into the tray via locking flap. To be suspended over the lateral side of the tray and locked in a suitable way. Material: Sheet steel, pre-galvanized.					
W29/40-70	38/67/68		8	7321677909841	790984
W29/40-100	38/67/98		12	7321677909858	790985
W29/40-200	38/67/198		21	7321677909865	790986
W29/40-300	38/67/301		30	7321677909872	790987
W29/40-400	38/67/401		40	7321677909889	790988
W29/40-500	38/67/501		50	7321677909896	790989
W29/40-600	38/67/601		59	7321677909902	790990
T-joint W29					
T-joint to be used to construct T-junctions or X-junctions. Easy push-in assembly. Locks into the tray via locking flap. To be suspended over the lateral side of the tray and locked in a suitable way. Material: Sheet steel, pre-galvanized.					
W29/60-70	58/67/68		22	7321677831784	783178
W29/60-100	58/67/98		27	7321677831791	783179
W29/60-200	58/67/198		37	7321677831807	783180
W29/60-300	58/67/298		47	7321677831814	783181
W29/60-400	58/67/398		57	7321677831821	783182
W29/60-500	58/67/498		67	7321677831838	783183
W29/60-600	58/67/598		77	7321677831845	783184

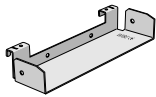
B223817



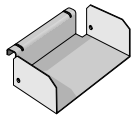
B224177




B224549



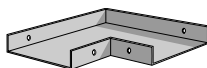
B224214



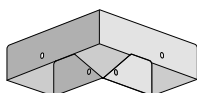
Bends

Type	Dimensions A/B/C mm		Weight kg/100 pcs	EAN code	Ref. No.
90° bend W10					
Horizontal 90° bend to be used for cable trays W1/40 and W3/40. Push-in assembly. Material: Sheet steel, pre-galvanized.					
W10/40-70	38/167/167		38	7321677179039	717903
W10/40-100	38/197/197		51	7321677179046	717904
W10/40-150	38/247/247		75	7321677334803	733480
W10/40-200	38/297/297		108	7321677179053	717905
W10/40-300	38/397/397		185	7321677179060	717906
W10/40-400	38/497/497		281	7321677179077	717907
W10/40-500	38/597/597		400	7321677211845	721184
W10/40-600	38/697/697		540	7321677231966	723196
Horizontal 90° bend to be used for cable trays W1/60 and W3/60. Push-in assembly. Material: Sheet steel, pre-galvanized.					
W10/60-70	58/167/167		43	7321677820382	782038
W10/60-100	58/197/197		55	7321677820399	782039
W10/60-150	58/247/247		85	7321677820405	782040
W10/60-200	58/297/297		117	7321677820412	782041
W10/60-300	58/397/397		196	7321677820429	782042
W10/60-400	58/497/497		295	7321677820436	782043
W10/60-500	58/597/597		413	7321677820443	782044
W10/60-600	58/697/697		551	7321677820450	782045
W10/60-500 FS	58/597/597		343	7321677824588	782458
W10/60-600 FS	58/697/697		465	7321677824595	782459
Adjustable bend W10S					
Adjustable bend to be used for horizontal angling from 105° to 165° in steps of 7.5°. Push-in assembly. Material: Sheet steel, pre-galvanized.					
W10S/40-50	38/47/47		9	7321677345847	734584
W10S/40-70	38/67/67		10	7321677168330	716833
W10S/40-100	38/97/97		13	7321677168347	716834
W10S/40-150	38/147/147		24	7321677345854	734585
W10S/40-200	38/197/197		40	7321677168354	716835
W10S/40-300	38/297/297		75	7321677168361	716836
W10S/40-400	38/397/397		125	7321677168378	716837
W10S/40-500	38/497/497		270	7321677249657	724965
W10S/40-600	38/597/597		380	7321677249664	724966
Adjustable bend to be used for horizontal angling from 105° to 165° in steps of 7.5°. Push-in assembly. Material: Sheet steel, pre-galvanized.					
W10S/60-70	58/67/67		17	7321677822683	782268
W10S/60-100	58/97/97		23	7321677822690	782269
W10S/60-150	58/147/147		37	7321677822706	782270
W10S/60-200	58/197/197		53	7321677822713	782271
W10S/60-300	58/297/297		97	7321677822720	782272
W10S/60-400	58/397/397		156	7321677822737	782273
W10S/60-500	58/497/497		292	7321677822744	782274
W10S/60-600	58/597/597		406	7321677822751	782275
90° bend W4					
Horizontal 90° bend to be used for cable tray W4. To be mounted on the outside of the tray and attached in the bottom segment with screw set W34. Material: Sheet steel, pre-galvanized.					
W4-50	16/52/-		10	7321677840731	784073
W4-75	16/77/-		15	7321677840748	784074
W4-100	16/102/-		22	7321677840755	784075
W4-150	16/152/-		37	7321677840762	784076
W4-200	16/202/-		55	7321677840779	784077
W4-250	16/252/-		77	7321677840786	784078
W4-300	16/302/-		102	7321677840793	784079
W4-400	16/402/-		161	7321677840809	784080

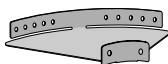
B223812



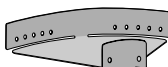
B224008



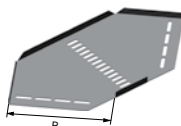
B223816



B224173



P199554



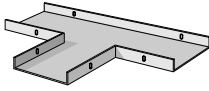
Steel cable trays

Pre-galvanized

Corrosion class C2

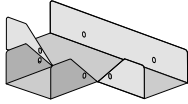
Junctions

B223833



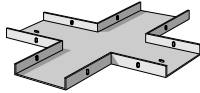
Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
T-junction W12				
T-junction to be used for 90° horizontal junction of cable trays W1/40 and W3/40. Push-in assembly. Material: Sheet steel, pre-galvanized.				
W12/40-70	38/267/167	49	7321677179084	717908
W12/40-100	38/297/197	64	7321677179091	717909
W12/40-150	38/347/247	92	7321677334858	733485
W12/40-200	38/397/297	128	7321677179107	717910
W12/40-300	38/497/397	212	7321677179114	717911
W12/40-400	38/597/497	314	7321677179121	717912
W12/40-500	38/697/597	438	7321677211869	721186
W12/40-600	38/797/697	580	7321677231980	723198

B224175



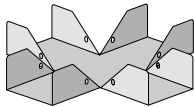
T-junction to be used for 90° horizontal junction of cable trays W1/60 and W3/60. Push-in assembly. Material: Sheet steel, pre-galvanized.				
W12/60-70	58/267/167	54	7321677820528	782052
W12/60-100	58/297/197	70	7321677820535	782053
W12/60-150	58/347/247	99	7321677820542	782054
W12/60-200	58/397/297	133	7321677820559	782055
W12/60-300	58/497/397	217	7321677820566	782056
W12/60-400	58/597/497	320	7321677820573	782057
W12/60-500	58/697/597	443	7321677820580	782058
W12/60-600	58/797/697	585	7321677820597	782059
W12/60-500 FS	58/697/597	337	7321677824601	782460
W12/60-600 FS	58/797/697	454	7321677824618	782461

B223836



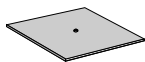
X-junction W13				
X-junction to be used for 90° horizontal junction of cable trays W1/40 and W3/40. Push-in assembly. Material: Sheet steel, pre-galvanized.				
W13/40-70	38/267/267	64	7321677179138	717913
W13/40-100	38/297/297	80	7321677179145	717914
W13/40-200	38/397/397	150	7321677179152	717915
W13/40-300	38/497/497	240	7321677179169	717916
W13/40-400	38/597/597	350	7321677179176	717917
W13/40-500	38/697/697	480	7321677211883	721188
W13/40-600	38/797/797	630	7321677232000	723200

B224184



X-junction to be used for 90° horizontal junction of cable trays W1/60 and W3/60. Push-in assembly. Material: Sheet steel, pre-galvanized.				
W13/60-70	58/268/268	62	7321677820955	782095
W13/60-100	58/298/298	78	7321677820962	782096
W13/60-150	58/348/348	110	7321677820979	782097
W13/60-200	58/398/398	146	7321677820986	782098
W13/60-300	58/498/498	234	7321677820993	782099
W13/60-600	58/598/598	342	7321677821006	782100
W13/60-500	58/698/698	469	7321677821013	782101
W13/60-600	58/798/798	616	7321677821020	782102
W13/60-500 FS	58/698/698	328	7321677824625	782462
W13/60-600 FS	58/798/798	441	7321677824632	782463

B223835



Cover plate W16				
Cover plate to be used to level out the differences in level between cable tray and junctions, such as 90° bends, T- and X-junctions. To be mounted under the junctions. Material: Sheet steel, pre-galvanized.				
W16-70	1.5/70/70	6	7321677180363	718036
W16-100	1.5/100/100	12	7321677180370	718037
W16-200	1.5/200/200	48	7321677180387	718038
W16-300	1.5/300/300	108	7321677180394	718039
W16-400	1.5/400/400	192	7321677180400	718040

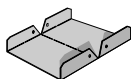
Steel cable trays

Pre-galvanized

Corrosion class C2

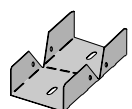
Vertical risers

B223948



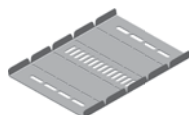
Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
Vertical riser W11				
Vertical riser to be used as internal or external riser for cable tray W1/40 and W3/40. The riser is delivered flat and can be bent to the desired angle up to 90°. Push-in assembly. Material: Sheet steel, pre-galvanized.				
W11/40-50	-/48/150	8	7321677334988	733498
W11/40-70	-/68/150	10	7321677232260	723226
W11/40-100	-/98/150	12	7321677232277	723227
W11/40-150	-/148/150	17	7321677334995	733499
W11/40-200	-/198/200	28	7321677232284	723228
W11/40-300	-/298/200	39	7321677232291	723229
W11/40-400	-/398/200	50	7321677232307	723230
W11/40-500	-/498/200	61	7321677232314	723231
W11/40-600	-/598/200	73	7321677232321	723232

B224183



Vertical riser to be used as internal or external riser for cable tray W1/60 and W3/60. The riser is delivered flat and can be bent to the desired angle up to 90°. Push-in assembly. Material: Sheet steel, pre-galvanized.				
W11/60-70	-/67/150	12	7321677822768	782276
W11/60-100	-/97/150	15	7321677822775	782277
W11/60-150	-/147/150	19	7321677822782	782278
W11/60-200	-/197/200	31	7321677822799	782279
W11/60-300	-/297/200	42	7321677822805	782280
W11/60-600	-/397/200	53	7321677822812	782281
W11/60-500	-/497/200	64	7321677822829	782282
W11/60-600	-/597/200	75	7321677822836	782283

P139857



Vertical riser W4				
Vertical riser suitable for installation tray W4. To be used as internal or external riser. The riser is delivered flat and can be bent to the desired angle up to 90°. Push-in assembly. Material: Sheet steel, pre-galvanized.				
W4-50	16/52/250	15	7321677840892	784089
W4-75	16/77/250	19	7321677840908	784090
W4-100	16/102/250	24	7321677840915	784091
W4-150	16/152/250	33	7321677840922	784092
W4-200	16/202/250	42	7321677840939	784093
W4-250	16/252/250	58	7321677840946	784094
W4-300	16/302/250	68	7321677840953	784095
W4-400	16/402/250	77	7321677840960	784096

Steel cable trays

Pre-galvanized

Corrosion class C2

Reducers

P126773



Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
Reducer W28/40				
Reducer for cable tray W1/W3, system height 40. To be used together with side joint W49 in side transitions. In centered transitions only two reducers W28 are necessary. Material: Sheet steel, pre-galvanized.				
W28/40-50	37.5/50/200	15	7321677935710	793571
W28/40-100	37.5/100/200	17	7321677874361	787436
W28/40-150	37.5/150/200	20	7321677935727	793572
W28/40-200	37.5/200/200	23	7321677874378	787437
W28/40-250	37.5/250/200	26	7321677935734	793573
W28/40-300	37.5/300/200	29	7321677935741	793574
W28/40-350	37.5/350/200	32	7321677935758	793575
W28/40-400	37.5/400/200	36	7321677935765	793576
W28/40-450	37.5/450/200	39	7321677935772	793577
W28/40-500	37.5/500/200	41	7321677935789	793578

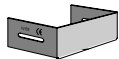
P126774



Reducer W28/60				
Reducer for cable tray W1/W3, system height 60. To be used together with side joint W49 in side transitions. In centered transitions only two reducers W28 are necessary. Material: Sheet steel, pre-galvanized.				
W28/60-50	57.5/50/200	22	7321677936076	793607
W28/60-100	57.5/100/200	27	7321677874422	787442
W28/60-150	57.5/150/200	31	7321677936083	793608
W28/60-200	57.5/200/200	36	7321677874439	787443
W28/60-250	57.5/250/200	40	7321677936090	793609
W28/60-300	57.5/300/200	45	7321677936106	793610
W28/60-350	57.5/350/200	49	7321677936113	793611
W28/60-400	57.5/400/200	54	7321677936120	793612
W28/60-450	57.5/450/200	58	7321677936137	793613
W28/60-500	57.5/500/200	63	7321677936144	793614

End covers

B223823




End cover W45				
End cover to be mounted at the ends of cable trays W1/40 and W3/40 and of lighting trunking W70 and W71. Provided with oval holes 6x55 mm on the sides. Push-in assembly. Material: Sheet steel, pre-galvanized.				
W45/40-70	38/100/68	8	7321677317301	731730
W45/40-100	38/100/98	9	7321677317318	731731
W45/40-200	38/100/198	12	7321677317325	731732
W45/40-300	38/100/298	15	7321677317332	731733
W45/40-400	38/100/398	18	3303432388423	731734
W45/40-500	38/100/498	21	7321677317356	731735
W45/40-600	38/100/598	24	7321677317363	731736

B223147



End cover to be mounted at the ends of cable trays W1/60 and W3/60. Provided with oval holes 6x55 mm on the sides. Push-in assembly. Material: Sheet steel, pre-galvanized.				
W45/60-70	58/100/68	12	7321677822928	782292
W45/60-100	58/100/98	13	7321677822935	782293
W45/60-200	58/100/198	18	7321677822942	782294
W45/60-300	58/100/298	23	7321677822959	782295
W45/60-600	58/100/398	28	7321677822966	782296
W45/60-500	58/100/498	34	7321677822973	782297
W45/60-600	58/100/598	39	7321677822980	782298

Box plates

Type	Dimensions A/B/C mm		Weight kg/100 pcs	EAN code	Ref. No.
Junction box plate W24					
Junction box plate, with or without perforated hole pattern. To be used for the installation of junction boxes, light fittings, etc., in cable trays W1/40 and W3/40 and in lighting trunking W70 and W71. Material: Sheet steel, pre-galvanized.					
W24/40	161/43/200		27	7321677179954	717995
W24/40 non-perforated	161/43/200		31	7321677302475	730247
Junction box plate, with perforated hole pattern. To be used for the installation of junction boxes, light fittings, etc., in cable trays W1/60 and W3/60. Material: Sheet steel, pre-galvanized.					
W24/60	179/43/200		34	7321677181933	718193
Earth clamp W79					
Earth clamp to be used when protective earthing of the junction box plate is required. Material: Steel, electro-galvanized.					
W79	Screw M4/-/4.5		0.2	7321677166404	716640

Outlet and junction box sets

Junction box set					
Junction box set including junction box plate W24/40 and a pre-mounted junction box UP, IP-class IP65. Material: Sheet steel, pre-galvanized.					
Junction box set	161/50/200		39	7321677319633	731963
Outlet set					
Outlet set including junction box plate W24/40 and a pre-mounted outlet, 2-way. Material: Sheet steel, pre-galvanized.					
Outlet set	161/53/200		36	7321677342273	734227

Luminaire brackets


Luminaire bracket W25					
Luminaire bracket to be used for assembly of lighting fixtures under Cable trays W1/40 and W3/40 or Lighting trunking W70 and W71. Material: Sheet steel, pre-galvanized.					
W25/40-70	62/30/72		7	7321677139118	713911
W25/40-100	62/30/101		8	7321677139125	713912
W25/40-200	62/30/201		11	7321677139149	713914
W25/40-300	62/30/301		19	7321677139163	713916
W25/40-400	62/30/401		23	7321677139170	713917
W25/40-500	62/30/501		27	7321677139187	713918
W25/40-600	62/30/601		31	7321677139132	713913
Luminaire bracket W25					
Luminaire bracket to be used for assembly of lighting fixtures under Cable trays W1/60 and W3/60. Material: Sheet steel, pre-galvanized.					
W25/60-70	82/30/72		7.7	7321677822843	782284
W25/60-100	82/30/101		8.6	7321677822850	782285
W25/60-200	82/30/201		14	7321677822867	782286
W25/60-300	82/30/301		18	7321677822874	782287
W25/60-400	82/30/401		23	7321677822881	782288
W25/60-500	82/30/501		27	7321677822898	782289
W25/60-600	82/30/601		32	7321677822904	782290
Luminaire bracket W50					
Luminaire bracket to be used to mount lighting fixtures between two parallel Cable trays W1/W3 or Lighting trunking W70/W71. Dimension A (* height) is specified when ordering and is depending on the height of the lighting fixture. The weight (**) is calculated for a bracket with a height of 100 mm. Material: Sheet steel, pre-galvanized.					
W50	* /30/250		25**	7321677205202	720520
Luminaire bracket W35					
Luminaire bracket to be used to mount centralized lighting fixtures under Lighting trunking W70/W71. Material: Sheet steel, pre-galvanized.					
W35	15/30/70		3	7321677156504	715650

Steel cable trays

Pre-galvanized

Corrosion class C2

Luminaire brackets

Type	Dimensions A/B/C mm		Weight kg/100 pcs	EAN code	Ref. No.
Luminaire bracket W55					
Luminaire bracket to be used to mount lighting fixtures under Lighting trunking W70/W71. Material: Sheet steel, pre-galvanized.					
W55	16/12/42		8	7321677209798	720979
Luminaire bracket W56					
Luminaire bracket to be used to mount lighting fixtures in Lighting trunking W71. Material: Aluminium.					
W56	19/14/13		1	7321677345656	734565

Integrated ceiling parts


Shade ledge W26					
Shade ledge to be used as a support for ceilings mounted between cable trays with system height 40 mm. Suspended over the lateral side of the cable tray. Also suitable for Lighting trunking W70/W71. Material: Sheet steel, pre-galvanized.					
W26/40	51/41/2000		154	7321677179909	717990
Shade ledge W26					
Shade ledge to be used as a support for ceilings mounted between cable trays with system height 60 mm. Suspended over the lateral side of the cable tray. Material: Sheet steel, pre-galvanized.					
W26/60	60/42/2000		185	7321677185597	718559
Ceiling support W27					
Integrated support channel to be used as a support for false ceilings mounted between cable trays with system height 40 mm. Suspended over the lateral side of the cable tray. Also suitable for Lighting trunking W70/W71. Material: Sheet steel, pre-galvanized.					
W27/40	41/25/2000		130	7321677140084	714008
Ceiling support W27					
Integrated support channel to be used as a support for false ceilings mounted between cable trays with system height 60 mm. Suspended over the lateral side of the cable tray. Material: Sheet steel, pre-galvanized.					
W27/60	60/25/2000		160	7321677185566	718556
Angle strip W46					
Angle strip to be used as a support for installations of false ceiling systems. To be mounted directly onto a wall or to the construction of the building. Material: Sheet steel, pre-galvanized.					
W46	24/24/2000		52	7321677186082	718608
Locking clamp W77					
Locking clamp to be used when pendant rail W32 is mounted between two parallel lighting trunking W70/W71 or cable trays W1/W3 for additional stability. Material: Sheet steel, pre-galvanized.					
W77	12/40/47		1.5	7321677167975	716797

Steel cable trays

Pre-galvanized

Corrosion class C2

Screws, bolts and nuts


	Type	Dimensions A/B/C mm		Weight kg/100 pcs	EAN code	Ref. No.
P140156	Screw set W34					
	Screw set to be used for mounting of Cable tray W3 onto Cantilever arm 50, Locking clamp W77 and Angle bracket W8 onto Pendant rail W32, Junction box plate W24 onto W3 Cable tray or Lighting trunking W70 and W71, as well as for assembly of Angle bracket W8 (light fitting bracket) and for joining of W4 Installation trays. Set including screw MSCS 6x12 and nut M6MF 6. Material: Steel, electro-galvanized.					
	W34	10/10/16		0.8	7321677184736	718473
B223987	Screw set W36					
	Screw set including bolt and nut M8 to be used for the mounting of single Pendant attachment W21 or Tube pendant attachment W73 on Support bracket/joint W7. Material: Steel, electro-galvanized.					
	W36	M8		1.2	7321677156467	715646
B224538	Screw set W36C					
	Screw set including bolt with slotted screw head and nut M8. To be used for the mounting of single Pendant attachment W21 or Tube pendant attachment W73 on Support bracket/joint W7. Material: Steel, electro-galvanized.					
	W36C	M8		1.8	7321677835003	783500
B223990	Screw set W37					
	Screw set including bolt MVBF 8x35 and nut M6MF 8, to be used for assembly of Pendant attachment W21 and Ceiling attachment W31 with Pendant rail W32, and for the joining of Pendant rail W32. Material: Steel, electro-galvanized.					
	W37	M8		2.8	7321677167999	716799
B223988	Screw set W38P					
	Screw set including screw and nut, to be used for the mounting of joints, bends, junctions, shade ledge W26 and integrated ceiling support channel W27. The patented screw set pierces through painted surfaces securing potential balancing. N.B. The joints must be unpainted. Material: Steel, electro-galvanized.					
	W38P	–		0.4	7321677351770	735177
B223980	Screw W40					
	Screw (RXS ST 5.5x13-H) to be used for the locking of T-joint W29 in open junctions. Material: Steel, electro-galvanized.					
	W40	–		0.3	7321677218684	721868
P144072	T-bolt 26F					
	T-bolt to be used for mounting with all vertical pieces (except Vertical piece 2) and with Pendant/fixing rail 24/48. Material: Steel, electro-galvanized.					
	26F M8	M8x30		4.5	7321677349838	734983
	26F M10	M10x30		7	7321677348640	734864
B223983	Locking plug W41					
	Locking plug to be used for quick locking of joints, bends and branches in cable trays and lighting trunking. Material: PP+GF10.					
	W41	Ø14/10.5		0.1	7321677186457	718645

Steel cable trays

Pre-galvanized

Corrosion class C2

Threaded rods

Type	Dimensions A/B/C mm		Weight kg/100 pcs	EAN code	Ref. No.
Threaded rod W76					
Threaded rod M6 to be used for light-duty cable tray W1/W3 and lighting trunking W70/W71 suspensions. Material: Steel, electro-galvanized.					
W76 M6	1000/6/6		18	7321677840618	784061
W76 M6	2000/6/6		36	7321677929344	792934
W76 M6	3000/6/6		54	7321677929351	792935
Threaded rod M8 and M10 to be used to suspend cable tray W1/W3 and lighting trunking W70/W71 installations. Material: Steel, electro-galvanized.					
W76 M8	1000/8/8		32	7321677250790	725079
W76 M10	2000/10/10		100	7321677167920	716792
W76 M10	3000/10/10		150	7321677167937	716793
Joint nut M6, M8, M10					
Joint nut to be used to connect two lengths of threaded rods W76. Material: Steel, electro-galvanized.					
Joint nut M6	30/11.5/10		1.2	7321677840632	784063
Joint nut M8	40/15/13		5.0	7321677250837	725083
Joint nut M10	40/18.5/16		7.2	7321677248063	724806
Thread lock M6					
Thread lock M6 to be used to connect two lengths of threaded rods W76. Provides a quick and screw-less height adjustment of the threaded rod. Material: Steel, electro-galvanized.					
Thread lock M6	M6		0.9	7321677840649	784064
Thread lock B50					
Thread lock M8 and M10 to be used to connect two lengths of threaded rods. Provides a quick and screw-less height adjustment of the threaded rod. Material: Steel, electro-galvanized.					
B50/M8	10/20/35		1	7332227014564	1149456
B50/M10	12/24/35		2	7332227014663	1149466
Flange nut M6					
Flange nut to be used to mount support brackets and ceiling brackets onto threaded rods W76. Material: Steel, electro-galvanized.					
Flange nut M6	M6		0.4	7321677840625	784062
Flange nut B43					
Flange nut to be mounted onto Threaded rod W76 in order to lock it to the Support hook and the Ceiling fittings. Package of 50 pcs. Material: Steel, electro-galvanized.					
B43/M8	17/17/8		0.4/bag	7321677888474	1149405
B43/M10	20/20/15		0.56/bag	7332227014649	1149464
Pendant attachment W73					
Tube pendant attachment to be used for mounting of threaded rod W76 M6/M10 in ceiling and cable tray W1/W3 and lighting trunking W70/71. Provides a quick and screw-less height adjustment of the threaded rod. Material: Sheet steel, pre-galvanized.					
W73 M6	135/26/56		7	7321677912056	791205
W73 M10	135/26/56		7	7321677166343	716634

P140075



P140155



P140084



P140094



B225160



B225160



B223756




Steel cable trays

Pre-galvanized

Corrosion class C2

Ogebe fixings

Type	Dimensions A/B/C mm		Weight kg/100 pcs	EAN code	Ref. No.
Ogebe fixings					
Ogebe fixing type E to be used for mounting in 0.7-0.9 mm sheeting or board material. Examples are hole straps, pendants, ducts, trays and piping. Material: Steel, elctro-galvanized.					
Type E	40/25/48		4,8	7321677164745	716474
Ogebe fixing type D to be used for mounting in 0.7-0.9 mm sheeting or board material. Material: Steel, elctro-galvanized.					
Type D	42/25/56		6.8	7321677164752	716475
Ogebe fixing type ED to be used for mounting in 0.7-0.9 mm sheeting or board material. Examples are suspension devices, lighting fixtures, etc. Material: Steel, elctro-galvanized.					
Type ED	42/25/52		5,8	7321677164776	716477
Ogebe fixing type EG to be used for mounting in single gypsum boards. Material: Steel, elctro-galvanized.					
Type EG	54/25/64		5.6	7321677164783	716478
Ogebe fixing type EG2 to be used for mounting in double gypsum boards. Material Steel, electro-galvanized.					
Type EG2	66/25/64		6	732167 716479	716479

Brackets


Support bracket W1940					
Support bracket to be used for invisible installation of cable trays W1/40 and W3/40. Material: Sheet steel, pre-galvanized.					
W1940-100	36/65/90		11	7321677187119	718711
W1940-200	36/65/190		22	7321677344017	734401
W1940-300	36/65/289		50	7321677344024	734402
W1940-400	36/65/389		68	7321677344031	734403
W1940-500	36/65/489		91	7321677823420	782342
W1940-600	36/65/589		110	7321677823437	782343
Support bracket W1960					
Support bracket to be used for invisible installation of cable trays W1/60 and W3/60. Material: Sheet steel, pre-galvanized.					
W1960-100	56/65/89		19	7321677823321	782332
W1960-200	56/65/189		37	7321677823338	782333
W1960-300	56/65/289		58	7321677823345	782334
W1960-400	56/65/389		77	7321677823352	782335
W1960-500	56/65/489		96	7321677823369	782336
W1960-600	56/65/589		115	7321677823376	782337
Support bracket W20					
Support bracket to be used for invisible installation of ligthing trunking W70/71, width 70 and 100 mm. The support bracket is snapped firmly into the trunking. Two nuts M10 are included. Suitable for threaded rod W76 M10. Material: Sheet steel, pre-galvanized.					
W20-70			9	7321677209736	720973
W20-100			13	7321677219438	721943
Support bracket W20A					
Support bracket to be used for invisible installation of ligthing trunking W70/71, width 70 and 100 mm. The support bracket is snapped firmly into the trunking. The spring locking device facilitates easy vertical height adjustment. Suitable for threaded rod W76 M10. Material: Sheet steel, pre-galvanized.					
W20A-70	145/75/66		15	7321677209705	720970
W20A-100	148/89/90		20	7321677211807	721180

Steel cable trays

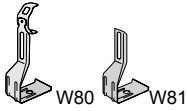
Pre-galvanized

Corrosion class C2

Brackets

Type	Dimensions A/B/C mm		Weight kg/100 pcs	EAN code	Ref. No.
Pendant bracket W80/W81					
Pendant bracket to be used to support lighting trunking W70-40. W80 pendant bracket facilitates easy vertical height adjustment on threaded rod. W81 needs to be suspended with Pendant rail W32. Material: Sheet steel, pre-galvanized.					
W80	145/35/41		9	7321677184743	718474
W81	105/35/41		8	7321677184774	718477

B223758
P138965



Cantilever arms

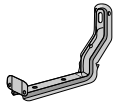
Cantilever arm 50i and 81					
Cantilever arm 50i to be used for lighter mountings on walls, vertical pieces or pendant/fixing rails. Cantilever arm 81 to be used for widths 500-600 mm. Material: Steel, pre-galvanized.					
50i-100	80/43/150		19	7321677914128	791412
50i-200	85/43/250		29	7321677914135	791413
50i-300	110/43/350		46	7321677914142	791414
50i-400	115/44/450		83	7321677914159	791415
81-500	150/40/568		100	7321677801626	780162
81-600	150/40/658		140	7321677801633	780163

P138932
P138933



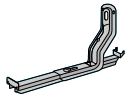
Internal cantilever arm W17					
Internal cantilever arm to be used for invisible mounting inside cable tray W1/40 and W3/40. Material: Sheet steel, pre-galvanized.					
W17-100	140/55/119		16	7321677169115	716911
W17-200	140/55/219		35	7321677169122	716912
W17-300	165/75/319		80	7321677169139	716913
W17-400	165/75/419		100	7321677169146	716914

B224555



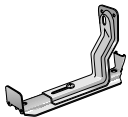
Adjustable internal cantilever arm W1840					
Adjustable internal cantilever arm to be used for invisible mounting inside cable trays W1/40 and W3/40. Adjustability 0-25 mm (W1840-100) and 0-50 mm (W1840-200 to 600). Material: Sheet steel, pre-galvanized.					
W1840-100	160/60/88		36	7321677183609	718360
W1840-200	160/60/188		47	7321677183616	718361
W1840-300	185/60/289		120	7321677835874	783587
W1840-400	185/60/389		139	7321677835881	783588
W1840-500	185/60/489		156	7321677835898	783589
W1840-600	185/60/589		175	7321677835904	783590

B223717



Adjustable internal cantilever arm W1860					
Adjustable cantilever arm to be used for invisible mounting inside cable trays W1/60 and W3/60. Adjustability 0-25 mm (W1860-100 length) and 0-50 mm (W1860-200-600). Material: Sheet steel, pre-galvanized.					
W1860-100	160/60/89		47	7321677823925	782392
W1860-200	160/60/189		65	7321677823932	782393
W1860-300	185/60/289		123	7321677823949	782394
W1860-400	185/60/389		142	7321677823956	782395
W1860-500	185/60/489		161	7321677823963	782396
W1860-600	185/60/589		180	7321677823970	782397

B224535




Back plate W30					
Back plate to be used for wall installation of internal cantilever arms on porous walls, to reduce the surface pressure. Material: Sheet steel, pre-galvanized.					
W30	135/3/135		42	7321677867929	786792

B224216



Vertical pieces

Type	Dimensions A/B/C mm		Weight kg/100 pcs	EAN code	Ref. No.
Vertical piece 2Fi					
Vertical piece to be used for lighter mountings with Cantilever arm 50i. Material: Steel, pre-galvanized.					
2Fi-300	272/134/54		97	7321677927234	792723
2Fi-500	497/134/54		137	7321677927241	792724
2Fi-750	722/134/54		177	7321677927258	792725
2Fi-1000	922/134/54		225	7321677927265	792726
Pendant strip W33					
Pendant strip to be used as a light-duty vertical ceiling suspension. The pendant strip is delivered in a straight length of 1 m, to be bent on site. Pendants longer than 1 m are joined by overlapping, using Screw set W36/W36C. Material: Sheet steel, pre-galvanized.					
W33	1000/25/-		19	7321677217861	721786
End bracket WN17					
End bracket to be used as a vertical piece on Support bracket/joint W7 to achieve a concealed suspension. Material: Sheet steel, pre-galvanized.					
WN17	220/23/30		10	7321677330904	733090

Ceiling brackets


Ceiling attachment W31					
Ceiling attachment to be used for installations with Pendant rail W32. Material: Sheet steel, pre-galvanized.					
W31	70/64/25		6.5	7321677168163	716816
Ceiling bracket 5					
Ceiling bracket to be used for installations with Pendant/Fixing rails 24/34 and 24/48. Screw not included. Material: Steel, pre-galvanized.					
5	100/135/40		35	7321677211012	721101
Ceiling bracket 5TPA					
Ceiling bracket with telescopic function, to be used for mounting of various sizes of trapezoid plates. Including screw MVBF 8x16 and nut M6MF8. Breaking load: 150 kg without deformation. Material: Steel, pre-galvanized.					
5TPA	50/76/79-118		14	7321677321773	732177
Ceiling bracket 5TP					
Ceiling bracket to be used in trapezoidal sheeting for installations of Pendant/Fixing rail 24/48. Material: Steel, pre-galvanized.					
5TP	71/35/50		12	7321677253623	725362
Ceiling bracket 2Fi					
Ceiling bracket to be used on Pendant/fixing rail 24/48 to achieve the desired length of vertical pieces. Material: Steel, pre-galvanized.					
2Fi	131/134/54		50	7321677925544	792554

Steel cable trays

Pre-galvanized

Corrosion class C2

Pendant/Fixing rails

Type	Dimensions A/B/C mm		Weight kg/100 pcs	EAN code	Ref. No.
------	------------------------	---	----------------------	----------	----------

Pendant rail W32

Pendant rail to be installed in ceilings in combination with ceiling attachment W31 or Ogebe fixing type E.
Material: Sheet steel, pre-galvanized.

W32	3000/20/20		180	7321677167982	716798
-----	------------	--	-----	---------------	--------

Pendant/Fixing rail 24/34

Pendant/Fixing rail to be used for the mounting of support brackets, cantilever arms, etc.
Material: Sheet steel, pre-galvanized.

24/34	293/16/42		23	7321677253579	725357
24/34	383/16/42		31	7321677253586	725358
24/34	495/16/42		40	7321677253593	725359
24/34	698/16/42		56	7321677253609	725360
24/34	990/16/42		80	7321677253616	725361
24/34	2970/16/42		240	7321677211029	721102

Pendant/Fixing rail 24/48

Pendant/Fixing rail for mounting of support brackets, cantilever arms, etc.
Material: Steel, pre-galvanized.

24/48	2970/26/48		520	7321677317172	731717
24/48	5940/26/48		1120	7321677317219	731721

Pendant attachment W21

Pendant attachment to be used in combination with pendant rail W32, support bracket/joint W7, etc.
Material: Sheet steel, pre-galvanized.

W21	97/50/21		12	7321677166305	716630
-----	----------	--	----	---------------	--------

Pendant bars

Pendant bar 1

Pendant bar to be installed in order to reduce the deflection of heavily loaded vertical pieces. Installed with T-bolt and Expansion bolt.

Material: Steel, pre-galvanized.

1-300	315/161/40		35	7321677927272	792727
1-500	515/166/40		53	7321677927289	792728
1-800	815/246/40		82	7321677927296	792729

Angle brackets

Angle bracket W8

Angle bracket to be mounted inside a cable tray W1/W3 for horizontal installation to the wall or vertical installation to the floor. Can also be mounted as a pendant bracket in the lighting trunking W70/W71.

Material: Sheet steel, pre-galvanized.

W8	80/38/45		6	7321677168217	716821
----	----------	--	---	---------------	--------


Angle bracket W8S

Universal angle bracket to be used for various installations of pendant/fixing rail 24/34, support bracket, etc.

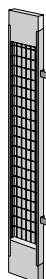
Material: Sheet steel, pre-galvanized.

W8S	120/30/30		8	7321677280711	728071
-----	-----------	--	---	---------------	--------

Cast-in tray

Type	Dimensions A/B/C mm		Weight kg/100 pcs	EAN code	Ref. No.
Fixing tray N for casting-in					
Fixing tray to be used for casting-in, with a mesh tray mounted on the inside of the tray for quick and easy lashing of cables. Pieces of polystyrene at both ends make it possible to adjust the height of the tray. Material: Sheet steel, pre-galvanized.					
N-300	max. 3000/330/72		1800	7321677826957	782695
N-400	max. 3000/430/72		2200	7321677826964	782696

B224102



P140226
P140225



Lashing wire

Lashing wire to be used for lashing of wires on cable ladders. Material: Stainless steel, PVC.

HTR-2303, white PVC	Ø1.25		1.3/100 m	7321677136865	713686
HTR-2313, black PVC	Ø1.25		1.3/100 m	7321677136872	713687

P140226
P140225



Lashing wire to be used for lashing of wires on cable ladders. Material: PVC.

HT-2304, white	Ø1.5		1.8/100 m	7321677136841	713684
HT-2314, black	Ø1.5		1.8/100 m	7321677136858	713685

End plugs

End plug 28C and E					
End plug to be mounted on pendant ends to provide protection against personal injury and to make the ends of the profiles more conspicuous. Material: PP/TPE, orange.					
28C for Vertical piece 2 and Pendant/fixing rail 24/34	25/19/46		0.5	7321677898756	789875
28E for Vertical piece 2F and Pendant/fixing rail 24/48	24/30/52		0.5	7321677090211	709021

P140067



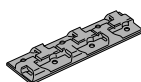
P140069



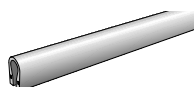
Accessories

Strip fixing W44					
Strip fixing to be used for easy fixation of cables in an unperforated cable tray W1/40 or W1/60. Material: PPE.					
W44	5.5/25/96		1	7321677184699	718469
Protection strip W48					
Protection strip to be used to protect cables from sharp edges when cutting the cable tray W1/W3 or lighting trunking W70/W71. Material: Plastic.					
W48	10/6/720		6.1	7321677872114	787211
Repair paint					
Anti-corrosive repair paint GalvaFroid in a 0.4 l tin for the repair of damages on pre-galvanized or hot-dip galvanized trays and accessories.					
Anti-corrosive repair paint	–		104	7321677176373	717637

B223887



B224810




B223244



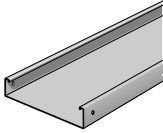
Steel cable trays

Pre-galvanized white
Corrosion class C2

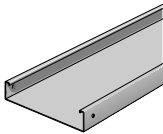
Cable trays, unperforated

Type	Dimensions A/B/C mm		Weight kg/100 m	EAN code	Ref. No.
Cable tray W1					
Unperforated cable tray for indoor applications in dry environments. System height 40 mm. Provided with holes Ø 5.8 mm at the tray end to be used for fixation of joints. Material: Steel, pre-galvanized, powder-coated white.					
W1/40-70	40/70/2000 40/70/3000		95	7321677289868 7321677813346	728986 781334
W1/40-100	40/100/2000 40/100/3000		115	7321677289875 7321677813353	728987 781335
W1/40-200	40/200/2000 40/200/3000		170	7321677289882 7321677813360	728988 781336
W1/40-300	40/300/2000 40/300/3000		400	7321677289899 7321677813377	728989 781337
W1/40-400	40/400/2000 40/400/3000		500	7321677289905 7321677813384	728990 781338
W1/40-500	40/500/2000 40/500/3000		710	7321677289912 7321677813391	728991 781339
W1/40-600	40/600/2000 40/600/3000		825	7321677289929 7321677813407	728992 781340
W1/40-500 FS	40/500/2000		715	7321677868339	786833
W1/40-600 FS	40/600/2000		830	7321677868346	786834
Secondary cable tray for indoor applications in dry environments. System height 40 mm. Provided with holes Ø5.8 mm at the tray end to be used for fixation of joints. Material: Steel, pre-galvanized, powder-coated white.					
W1/40-200	40/200/1300 40/200/1600 40/200/1800		170	7321677375042 7321677375059 7321677375066	737504 737505 737506
Unperforated cable tray for indoor applications in dry environments. System height 60 mm. Provided with holes Ø5.8 mm at the tray end to be used for fixation of joints. Material: Steel, pre-galvanized, powder-coated white.					
W1/60-70	60/70/2000		165	7321677820115	782011
W1/60-100	60/100/2000		185	7321677820122	782012
W1/60-200	60/200/2000		335	7321677820139	782013
W1/60-300	60/300/2000		440	7321677820146	782014
W1/60-400	60/400/2000		540	7321677820153	782015
W1/60-500	60/500/2000		755	7321677820160	782016
W1/60-600	60/600/2000		870	7321677820177	782017
W1/60-500 FS	60/500/2000		760	7321677820481	782048
W1/60-600 FS	60/200/2000		875	7321677820498	782049

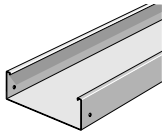
B224557



B224557



B224188



Steel cable trays

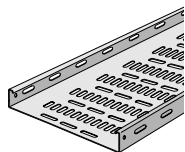
Pre-galvanized white
Corrosion class C2

Cable trays, perforated

Type	Dimensions A/B/C mm	Weight kg/100 m	EAN code	Ref. No.
------	------------------------	--------------------	----------	----------

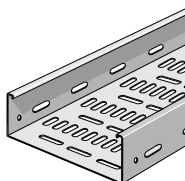
Cable tray W3

Perforated cable tray for indoor applications in dry environments. System height 40 mm. Provided with holes Ø 5.8 mm at the tray end to be used for fixation of joints. Oval holes along the lateral side of the tray can be used for mounting of accessories.
Material: Steel, pre-galvanized white.



W3/40-50	40/50/3000	103	7321677375370	737537
W3/40-70	40/70/3000	120	7321677375387	737538
W3/40-100	40/100/3000	136	7321677375394	737539
W3/40-150	40/150/3000	170	7321677375400	737540
W3/40-200	40/200/3000	196	7321677375417	737541
W3/40-300	40/300/3000	316	7321677375424	737542
W3/40-400	40/400/3000	390	7321677375431	737543
W3/40-500	40/500/3000	590	7321677375448	737544
W3/40-600	40/600/3000	683	7321677375455	737545

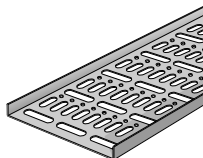
Perforated cable tray for indoor applications in dry environments. System height 60 mm. Provided with holes Ø 5.8 mm at the tray end to be used for fixation of joints. Oval holes along the lateral side of the tray can be used for mounting of accessories.
Material: Sheet steel, pre-galvanized white.



W3/60-70	60/70/3000	150	7321677823062	782306
W3/60-100	60/100/3000	180	7321677823079	782307
W3/60-150	60/150/3000	200	7321677823086	782308
W3/60-200	60/200/3000	240	7321677823093	782309
W3/60-300	60/300/3000	337	7321677823109	782310
W3/60-400	60/400/3000	440	7321677823116	782311

Installation tray W4

Perforated installation tray for indoor applications in dry environments. To be used when leading cables down from a cable ladder to machine cabinets, etc. Provided with holes Ø 3.5 mm in the bottom segment of the tray for the clamping of cables with plate screws.




W4-50	15/50/1960	57	7321677366330	736633
	15/50/3000		7321677872275	787227
W4-75	15/75/1960	76	3303437366341	736634
	15/75/3000		7321677872282	787228
W4-100	15/100/1960	93	3303437366358	736635
	15/100/3000		7321677872299	787229
W4-150	15/150/1960	125	7321677366361	736636
	15/150/3000		7321677872305	787230
W4-200	15/200/1960	195	3303437366372	736637
	15/200/3000		7321677872312	787231
W4-250	15/250/1960	228	3303437366389	736638
	15/250/3000		7321677872329	787232
W4-300	15/300/1960	238	7321677366392	736639
W4-400	15/400/1960	313	7321677366408	736640

Steel cable trays

Pre-galvanized white

Corrosion class C2

Lighting trunking

Type	Dimensions A/B/C mm		Weight kg/100 m	EAN code	Ref. No.
Lighting trunking W70-40					
Cable tray with bottom perforation for indoor applications in dry environments. System height 22 mm, length 2995 mm. The oval hole pattern at the base of the tray can be used for mounting of lighting fixtures. Material: Steel, pre-galvanized white.					
W70-40	22/40/2995		107	7321677290239	729023
Lighting trunking W70-70, -100, -200					
Cable tray with bottom perforation for indoor applications in dry environments. System height 40 mm, length 3000 mm. Oval holes 9x5.8 mm on the lateral sides of the tray end can be used for fixation of joints. The oval hole pattern at the base of the tray can be used for mounting of lighting fixtures. On every 500 mm a 45° turned oval hole is placed to easily guide fast connectors into the tray. Material: Steel, pre-galvanized white.					
W70-70	40/70/3000		274	3606480410390	CSU794184
W70-100	40/100/3000		323	3606480410352	CSU794185
W70-200	40/200/3000		487	3606480410376	CSU794186
Lighting trunking W71					
Cable tray with bottom perforation for indoor applications in dry environments. System height 40 mm, length 6000 mm. Provided with holes Ø 5.8 mm at the tray end to be used for fixation of joints. Oval hole pattern in the bottom segment of the tray can be used for mounting of lighting fixtures. Material: Steel, pre-galvanized white.					
W71-70	40/70/6000		130	7321677345137	734513
W71-100	40/100/6000		153	7321677345144	734514

Covers

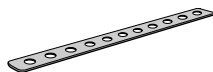
			Weight kg/100 pcs		
Cover W5					
Cover to be used to protect the cables inside the cable tray against damages, dust, liquids, UV-influence, etc. Material: Sheet steel, pre-galvanized white.					
W5-70	10/71/2000		100	7321677290154	729015
W5-100	10/101/2000		140	7321677290161	729016
W5-150	10/151/2000		190	7321677341344	734134
W5-200	10/201/2000		250	7321677290178	729017
W5-300	10/301/2000		360	7321677290185	729018
W5-400	10/401/2000		680	7321677290192	729019
W5-500	10/501/2000		840	7321677290208	729020
W5-600	10/601/2000		700	7321677290215	729021
Cover clamp W62					
Cover clamp to be used for the fixing of covers on cable trays W1/W3 as well as on lighting trunking W70/W71. Material: Stainless steel 304.					
W62	-/15/10.5		0.8	7321677301867	730186

Dividers

Dividing strip 39					
Dividing strip to be used to separate power and data communication cables inside a W1/W3 cable tray or W70/W71 lighting trunking. Mounted with Support band 6. Material: Steel, pre-galvanized white.					
39/24	24/24/1750		46	7321677179503	717950
39/55	55/24/1750		73	7321677257867	725786
Insert piece W39					
Insert piece to be used to join Dividing strips 39/24 in cable tray W1/W3 and lighting trunking W70/71. The Insert piece can be positioned on Support bracket/joint W7/40 to ensure a continuous separation of cables inside the cable tray. Material: PP, natural coloured.					
W39	37-/330		3	7321677168248	716824
Insert piece W39/55					
Insert piece to be used to join Dividing strips 39/55 in Cable trays W1/60 or W3/60. The insert piece can be positioned on Support bracket/joint W7/60 to ensure a continuous separation of cables inside the cable tray. Material: Sheet steel, pre-galvanized white.					
W39/55	54/4.4/400		19	7321677868735	786873

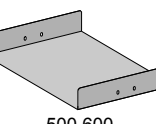
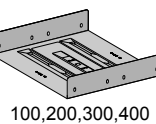
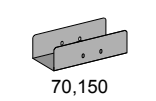
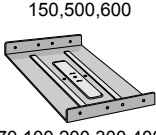
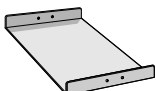
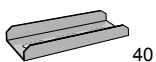
Dividers

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
Support band W6				
Support band to be placed inside cable trays to fix the lateral position of one or several Dividing strips W39. The holes in the support band and the locking pins in Dividing strip W39 enable an adjustment of the lateral positioning of the dividing strip with an interval of 25 mm. Material: Sheet steel, pre-galvanized.				
W6-70	-/18/67	1.0	7321677188284	718828
W6-100	-/18/97	1.4	7321677188291	718829
W6-200	-/18/197	2.8	7321677188307	718830
W6-300	-/18/297	4.3	7321677188314	718831
W6-400	-/18/397	5.7	7321677188321	718832
W6-500	-/18/497	7.2	7321677188338	718833
W6-600	-/18/597	8.6	7321677188345	718834

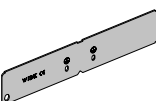
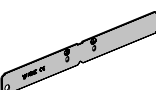


Joints

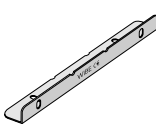
Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
Support bracket/joint W7				
To be used as a support bracket or joint for cable tray W1/40, W3/40 and for lighting trunking W70/W71. When joining cable tray W1/40 FS (reinforced), side joint W49/40 must be used. Material: Sheet steel, pre-galvanized white.				
W7/40-40	18.5/36/180	12	7321677290536	729053
W7/40-70	38/68/200	16	7321677290468	729046
W7/40-100	38/98/200	25	7321677290475	729047
W7/40-200	38/198/200	43	7321677290482	729048
W7/40-300	38/297/300	110	7321677290499	729049
W7/40-400	38/397/300	140	7321677290505	729050
W7/40-500	38/498/300	170	7321677290512	729051
W7/40-600	38/598/300	200	7321677290529	729052
To be used as a support bracket or joint for cable tray W1/60, W3/60. When joining cable tray W1/60 FS (reinforced), side joint W49/60 must be used. Material: Sheet steel, pre-galvanized white.				
W7/60-70	58/68/152	22	7321677823185	782318
W7/60-100	58/98/200	33	7321677823192	782319
W7/60-150	58/148/200	41	7321677823208	782320
W7/60-200	58/198/200	49	7321677823215	782321
W7/60-300	58/297/300	122	7321677823222	782322
W7/60-400	58/397/300	152	7321677823239	782323
W7/60-500	58/498/300	180	7321677823246	782324
W7/60-600	58/598/300	210	7321677823253	782325



Side joint W49				
Side joint to be used for straight joining of cable trays W1 and W3. Material: Sheet steel, pre-galvanized white.				
W49/40	37.5/-/300	17	7321677868384	786838
W49/60	58/-/300	27	7321677823307	782330




Joint W2				
Side joint to be used for straight joining of installation tray W4. Material: Sheet steel, pre-galvanized white.				
W2	15/25/200	8	7321677885749	788574



Steel cable trays

Pre-galvanized white
Corrosion class C2

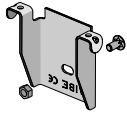
Joints

Type	Dimensions A/B/C mm		Weight kg/100 pcs	EAN code	Ref. No.
T-joint W9					
T-joint to be used to construct T-sections or X-sections. Also used for oblique branches. The ref. number includes two pieces of T-joints and Screw set W38P. Material: Sheet steel, pre-galvanized white.					
W9/40	40/72.5/20		6	7321677290949	729094
W9/60	60/72.5/20		5	7321677822188	782218
T-joint W29					
T-joint to be used to construct T-junctions or X-junctions. Easy push-in assembly. Locks into the tray via locking flap. To be suspended over the lateral side of the tray and locked in a suitable way. Material: Sheet steel, pre-galvanized white.					
W29/40-70	38/67/68		8	7321677249428	724942
W29/40-100	38/67/98		12	7321677249435	724943
W29/40-200	38/67/198		21	7321677249442	724944
W29/40-300	38/67/301		30	7321677249459	724945
W29/40-400	38/67/401		40	7321677249466	724946
W29/40-500	38/67/501		50	7321677249473	724947
W29/40-600	38/67/601		59	7321677249480	724948
T-joint to be used to construct T-junctions or X-junctions. Easy push-in assembly. Locks into the tray via locking flap. To be suspended over the lateral side of the tray and locked in a suitable way. Material: Sheet steel, pre-galvanized white.					
W29/60-70	58/67/68		22	7321677831852	783185
W29/60-100	58/67/98		27	7321677831869	783186
W29/60-200	58/67/198		37	7321677831876	783187
W29/60-300	58/67/298		47	7321677831883	783188
W29/60-400	58/67/398		57	7321677831890	783189
W29/60-500	58/67/498		67	7321677831906	783190
W29/60-600	58/67/598		77	7321677831913	783191

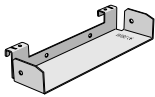
B223817



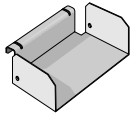
B224177



B224549




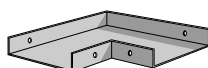
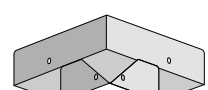
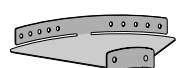

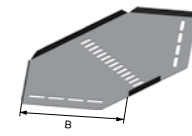
B224214



Steel cable trays

Pre-galvanized white
Corrosion class C2

Bends

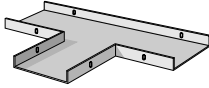
	Type	Dimensions A/B/C mm		Weight kg/100 pcs	EAN code	Ref. No.
	90° bend W10					
	Horizontal 90° bend to be used for cable trays W1/40 and W3/40. Push-in assembly. Material: Sheet steel, pre-galvanized white.					
B223812		W10/40-70	38/167/167	38	7321677292011	729201
		W10/40-100	38/197/197	51	7321677291335	729133
		W10/40-200	38/297/297	108	7321677291342	729134
		W10/40-300	38/397/397	185	7321677291359	729135
		W10/40-400	38/497/497	281	7321677291366	729136
		W10/40-500	38/597/597	400	7321677291373	729137
		W10/40-600	38/697/697	540	7321677291380	729138
	Horizontal 90° bend to be used for cable trays W1/60 and W3/60. Push-in assembly. Material: Sheet steel, pre-galvanized white.					
B224206		W10/60-70	58/167/167	43	7321677824083	782408
		W10/60-100	58/197/197	55	7321677824090	782409
		W10/60-150	58/247/247	85	7321677824106	782410
		W10/60-200	58/297/297	117	7321677824113	782411
		W10/60-300	58/397/397	196	7321677824120	782412
		W10/60-400	58/497/497	295	7321677824137	782413
		W10/60-500	58/597/597	413	7321677824144	782414
		W10/60-600	58/697/697	551	7321677824151	782415
		W10/60-500 FS	58/597/597	343	7321677871889	787188
		W10/60-600 FS	58/697/697	465	7321677871896	787189
	Adjustable bend W10S					
	Adjustable bend to be used for horizontal angling from 105° to 165° in steps of 7.5°. Push-in assembly. Material: Sheet steel, pre-galvanized white.					
B223816		W10S/40-70	38/67/67	10	7321677291038	729103
		W10S/40-100	38/97/97	13	7321677291045	729104
		W10S/40-200	38/197/197	40	7321677291052	729105
		W10S/40-300	38/297/297	75	7321677291069	729106
		W10S/40-400	38/397/397	125	7321677291076	729107
		W10S/40-500	38/497/497	270	7321677291083	729108
		W10S/40-600	38/597/597	380	7321677291090	729109
	Adjustable bend to be used for horizontal angling from 105° to 165° in steps of 7.5°. Push-in assembly. Material: Sheet steel, pre-galvanized white.					
B224173		W10S/60-70	58/67/67	17	7321677824717	782471
		W10S/60-100	58/97/97	23	7321677824724	782472
		W10S/60-150	58/147/147	37	7321677824731	782473
		W10S/60-200	58/197/197	53	7321677824748	782474
		W10S/60-300	58/297/297	97	7321677824755	782475
		W10S/60-400	58/397/397	156	7321677824762	782476
		W10S/60-500	58/497/497	292	7321677824779	782477
		W10S/60-600	58/597/597	406	7321677824786	782478
	90° bend W4					
	Horizontal 90° bend to be used for cable tray W4. To be mounted on the outside of the tray and attached in the bottom segment with screw set W34. Material: Sheet steel, pre-galvanized white.					
P.1381654		W4-50	16/52/-	10	7321677841134	784113
		W4-75	16/77/-	15	7321677841141	784114
		W4-100	16/102/-	22	7321677841158	784115
		W4-150	16/152/-	37	7321677841165	784116
		W4-200	16/202/-	55	7321677841172	784117
		W4-250	16/252/-	77	7321677841189	784118
		W4-300	16/302/-	102	7321677841196	784119
		W4-400	16/402/-	161	7321677841202	784120

Steel cable trays

Pre-galvanized white
Corrosion class C2

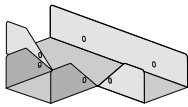
Junctions

B223833



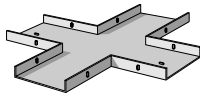
Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
T-junction W12				
T-junction to be used for 90° horizontal junction of cable trays W1/40 and W3/40. Push-in assembly. Material: Sheet steel, pre-galvanized white.				
W12/40-70	38/267/167	49	7321677291397	729139
W12/40-100	38/297/197	64	7321677291403	729140
W12/40-200	38/397/297	128	7321677291410	729141
W12/40-300	38/497/397	212	7321677291427	729142
W12/40-400	38/597/497	314	7321677291434	729143
W12/40-500	38/697/597	438	7321677291441	729144
W12/40-600	38/797/697	580	7321677291458	729145

B224175



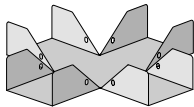
T-junction to be used for 90° horizontal junction of cable trays W1/60 and W3/60. Push-in assembly. Material: Sheet steel, pre-galvanized white.				
W12/60-70	58/267/167	54	7321677824243	782424
W12/60-100	58/297/197	70	7321677824250	782425
W12/60-150	58/347/247	99	7321677824267	782426
W12/60-200	58/397/297	133	7321677824274	782427
W12/60-300	58/497/397	217	7321677824281	782428
W12/60-400	58/597/497	320	7321677824298	782429
W12/60-500	58/697/597	443	7321677824304	782430
W12/60-600	58/797/697	585	7321677824311	782431
W12/60-500 FS	58/697/597	337	7321677871926	787192
W12/60-600 FS	58/797/697	454	7321677871933	787193

B223836



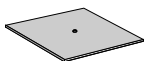
X-junction W13				
X-junction to be used for 90° horizontal junction of cable trays W1/40 and W3/40. Push-in assembly. Material: Sheet steel, pre-galvanized white.				
W13/40-70	38/267/267	64	7321677291465	729146
W13/40-100	38/297/297	80	7321677291472	729147
W13/40-200	38/397/397	150	7321677291489	729148
W13/40-300	38/497/497	240	7321677291496	729149
W13/40-400	38/597/597	350	7321677291502	729150
W13/40-500	38/697/697	480	7321677291519	729151
W13/40-600	38/797/797	630	7321677291526	729152

B224184



X-junction to be used for 90° horizontal junction of cable trays W1/60 and W3/60. Push-in assembly. Material: Sheet steel, pre-galvanized white.				
W13/60-70	58/268/268	62	7321677824403	782440
W13/60-100	58/298/298	78	7321677824410	782441
W13/60-150	58/348/348	110	7321677824427	782442
W13/60-200	58/398/398	146	7321677824434	782443
W13/60-300	58/498/498	234	7321677824441	782444
W13/60-600	58/598/598	342	7321677824458	782445
W13/60-500	58/698/698	469	7321677824465	782446
W13/60-600	58/798/798	616	7321677824472	782447
W13/60-500 FS	58/698/698	328	7321677871964	787196
W13/60-600 FS	58/798/798	441	7321677871971	787197

B223835



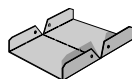
Cover plate W16				
Cover plate to be used to level out the differences in level between cable tray and junctions, such as 90° bends, T- and X-junctions. To be mounted under the junctions. Material: Sheet steel, pre-galvanized white.				
W16-70	1.5/70/70	6	7321677291540	729154
W16-100	1.5/100/100	12	7321677291557	729155
W16-200	1.5/200/200	48	7321677291564	729156
W16-300	1.5/300/300	108	7321677291571	729157
W16-400	1.5/400/400	192	7321677291588	729158


Steel cable trays

Pre-galvanized white
Corrosion class C2

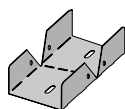
Vertical riser

B223948



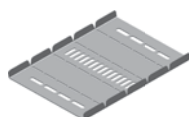
Type	Dimensions A/B/C mm		Weight kg/100 pcs	EAN code	Ref. No.
Vertical riser W11					
Vertical riser to be used as internal or external riser for cable tray W1/40 and W3/40. The riser is delivered flat and can be bent to the desired angle up to 90°. Push-in assembly. Material: Sheet steel, pre-galvanized white.					
W11/40-70	-/68/150		10	7321677291267	729126
W11/40-100	-/98/150		12	7321677291274	729127
W11/40-200	-/198/200		28	7321677291281	729128
W11/40-300	-/298/200		39	7321677291298	729129
W11/40-400	-/398/200		50	7321677291304	729130
W11/40-500	-/498/200		61	7321677291311	729131
W11/40-600	-/598/200		73	7321677291328	729132

B224183



Vertical riser to be used as internal or external riser for cable tray W1/60 and W3/60. The riser is delivered flat and can be bent to the desired angle up to 90°. Push-in assembly. Material: Sheet steel, pre-galvanized white.					
W11/60-70	-/67/150		12	7321677825936	782593
W11/60-100	-/97/150		15	7321677825943	782594
W11/60-150	-/147/150		19	7321677825950	782595
W11/60-200	-/197/200		31	7321677825967	782596
W11/60-300	-/297/200		42	7321677825974	782597
W11/60-600	-/397/200		53	7321677825981	782598
W11/60-500	-/497/200		64	7321677825998	782599
W11/60-600	-/597/200		75	7321677826001	782600

P139557



Vertical riser W4					
Vertical riser suitable for installation tray W4. To be used as internal or external riser. The riser is delivered flat and can be bent to the desired angle up to 90°. Push-in assembly. Material: Sheet steel, pre-galvanized white.					
W4-50	16/52/250		15	7321677841059	784105
W4-75	16/77/250		19	7321677841066	784106
W4-100	16/102/250		24	7321677841073	784107
W4-150	16/152/250		33	7321677841080	784108
W4-200	16/202/250		42	7321677841097	784109
W4-250	16/252/250		58	7321677841103	784110
W4-300	16/302/250		68	7321677841110	784111
W4-400	16/402/250		77	7321677841127	784112

Steel cable trays

Pre-galvanized white
Corrosion class C2

Reducers

P126773



Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
Reducer W28/40				
Reducer for cable tray W1/W3, system height 40. To be used together with side joint W49 in side transitions. In centered transitions only two reducers W28 are necessary. Material: Sheet steel, pre-galvanized white.				
W28/40-50	37.5/50/200	15	7321677935796	793579
W28/40-100	37.5/100/200	17	7321677874385	787438
W28/40-150	37.5/150/200	20	7321677935802	793580
W28/40-200	37.5/200/200	23	7321677874392	787439
W28/40-250	37.5/250/200	26	7321677935819	793581
W28/40-300	37.5/300/200	29	7321677935826	793582
W28/40-350	37.5/350/200	32	7321677935833	793583
W28/40-400	37.5/400/200	36	7321677935840	793584
W28/40-450	37.5/450/200	39	7321677935857	793585
W28/40-500	37.5/500/200	41	7321677935864	793586

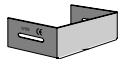
P126774



Reducer W28/60				
Reducer for cable tray W1/W3, system height 60. To be used together with side joint W49 in side transitions. In centered transitions only two reducers W28 are necessary. Material: Sheet steel, pre-galvanized white.				
W28/60-50	57.5/50/200	22	7321677936151	793615
W28/60-100	57.5/100/200	27	7321677874446	787444
W28/60-150	57.5/150/200	31	7321677936168	793616
W28/60-200	57.5/200/200	36	7321677874453	787445
W28/60-250	57.5/250/200	40	7321677936175	793617
W28/60-300	57.5/300/200	45	7321677936182	793618
W28/60-350	57.5/350/200	49	7321677936199	793619
W28/60-400	57.5/400/200	54	7321677936205	793620
W28/60-450	57.5/450/200	58	7321677936212	793621
W28/60-500	57.5/500/200	63	7321677936229	793622

End covers

B223823




End cover W45				
End cover to be mounted at the ends of cable trays W1/40 and W3/40 and of lighting trunking W70 and W71. Provided with oval holes 6x55 mm on the sides. Push-in assembly. Material: Sheet steel, pre-galvanized white.				
W45/40-70	38/100/68	8	7321677291779	729177
W45/40-100	38/100/98	9	7321677291786	729178
W45/40-200	38/100/198	12	7321677291793	729179
W45/40-300	38/100/298	15	7321677291809	729180
W45/40-400	38/100/398	18	7321677291816	729181
W45/40-500	38/100/498	21	7321677291823	729182
W45/40-600	38/100/598	24	7321677291830	729183

B223137



End cover to be mounted at the ends of cable trays W1/60 and W3/60. Provided with oval holes 6x55 mm on the sides. Push-in assembly. Material: Sheet steel, pre-galvanized white.				
W45/60-70	58/100/68	12	7321677867714	786771
W45/60-100	58/100/98	13	7321677867721	786772
W45/60-200	58/100/198	18	7321677867738	786773
W45/60-300	58/100/298	23	7321677867745	786774
W45/60-600	58/100/398	28	7321677867752	786775
W45/60-500	58/100/498	34	7321677867769	786776
W45/60-600	58/100/598	39	7321677867776	786777

Box plates

Type	Dimensions A/B/C mm		Weight kg/100 pcs	EAN code	Ref. No.
Junction box plate W24					
Junction box plate, with or without perforated hole pattern. To be used for the installation of junction boxes, light fittings, etc., in cable trays W1/40 and W3/40 and in lighting trunking W70 and W71. Material: Sheet steel, pre-galvanized white.					
W24/40	161/43/200		27	7321677291847	729184
W24/40 non-perforated	161/43/200		31	7321677342112	734211
Junction box plate, with perforated hole pattern. To be used for the installation of junction boxes, light fittings, etc., in cable trays W1/60 and W3/60. Material: Sheet steel, pre-galvanized white.					
W24/60	179/43/200		34	7321677826599	782659
Earth clamp W79					
Earth clamp to be used when protective earthing of the junction box plate is required. Material: Steel, electro-galvanized.					
W79	Screw M4/-/4.5		0.2	7321677166404	716640

Outlet and junction box sets

Junction box set					
Junction box set including junction box plate W24/40 and a pre-mounted junction box UP, IP-class IP65. Material: Sheet steel, pre-galvanized.					
Junction box set	161/50/200		39	7321677319640	731964
Outlet set					
Outlet set including junction box plate W24/40 and a pre-mounted outlet, 2-way. Material: Sheet steel, pre-galvanized.					
Outlet set	161/53/200		36	7321677342280	734228


Luminaire brackets

Luminaire bracket W25					
Luminaire bracket to be used for assembly of lighting fixtures under Cable trays W1/40 and W3/40 or Lighting trunking W70 and W71. Material: Sheet steel, pre-galvanized white.					
W25/40-70	62/30/72		7	7321677291854	729185
W25/40-100	62/30/101		8	7321677291861	729186
W25/40-200	62/30/201		11	7321677291878	729187
W25/40-300	62/30/301		19	7321677291885	729188
W25/40-400	62/30/401		23	7321677291892	729189
W25/40-500	62/30/501		27	7321677291908	729190
W25/40-600	62/30/601		31	7321677291915	729191
Luminaire bracket to be used for assembly of lighting fixtures under Cable trays W1/60 and W3/60. Material: Sheet steel, pre-galvanized white.					
W25/60-70	82/30/72		7.7	7321677826148	782614
W25/60-100	82/30/101		8.6	7321677826155	782615
W25/60-200	82/30/201		14	7321677826162	782616
W25/60-300	82/30/301		18	7321677826179	782617
W25/60-400	82/30/401		23	7321677826186	782618
W25/60-500	82/30/501		27	7321677826193	782619
W25/60-600	82/30/601		32	7321677826209	782620
Luminaire bracket W50					
Luminaire bracket to be used to mount lighting fittings between two parallel Cable trays W1/W3 or Lighting trunking W70/W71. Dimension A (* height) is specified when ordering and is depending on the height of the lighting fitting. The weight ** is calculated for a bracket with a height of 100 mm. Material: Sheet steel, pre-galvanized white.					
W50	* /30/250		25**	7321677207855	720785
Luminaire bracket W35					
Luminaire bracket to be used to mount centralized lighting fixtures under Lighting trunking W70/W71. Material: Sheet steel, pre-galvanized.					
W35	15/30/70		3	7321677156504	715650

Steel cable trays

Pre-galvanized white
Corrosion class C2

Luminaire brackets

Type	Dimensions A/B/C mm		Weight kg/100 pcs	EAN code	Ref. No.
Luminaire bracket W55					
Luminaire bracket to be used to mount lighting fixtures under Lighting trunking W70/W71. Material: Sheet steel, pre-galvanized.					
W55	16/12/42		8	7321677209798	720979
Luminaire bracket W56					
Luminaire bracket to be used to mount lighting fixtures in Lighting trunking W71. Material: Aluminium.					
W56	19/14/13		1	7321677345656	734565


Integrated ceiling parts

Shade ledge W26					
Shade ledge to be used as a support for ceilings mounted between cable trays with system height 40 mm. Suspended over the lateral side of the cable tray. Also suitable for Lighting trunking W70/W71. Material: Sheet steel, pre-galvanized white.					
W26/40	51/41/2000		154	7321677291922	729192
Shade ledge W26/60					
Shade ledge to be used as a support for ceilings mounted between cable trays with system height 60 mm. Suspended over the lateral side of the cable tray. Material: Sheet steel, pre-galvanized white.					
W26/60	61/42/2000		185	7321677826612	782661
Ceiling support W27					
Integrated support channel to be used as a support for false ceilings mounted between cable trays with system height 40 mm. Suspended over the lateral side of the cable tray. Also suitable for Lighting trunking W70/W71. Material: Sheet steel, pre-galvanized white.					
W27/40	41/25/2000		130	7321677291939	729193
Ceiling support W27/60					
Integrated support channel to be used as a support for false ceilings mounted between cable trays with system height 60 mm. Suspended over the lateral side of the cable tray. Material: Sheet steel, pre-galvanized.					
W27/60	60/25/2000		160	7321677826629	782662
Angle strip W46					
Angle strip to be used as a support for installations of false ceiling systems. To be mounted directly onto a wall or to the construction of the building. Material: Sheet steel, pre-galvanized white.					
W46	24/24/2000		52	7321677291946	729194
Locking clamp W77					
Locking clamp to be used when pendant rail W32 is mounted between two parallel lighting trunking W70/W71 or cable trays W1/W3 for additional stability. Material: Sheet steel, pre-galvanized white.					
W77	12/40/47		1.5	7321677290604	729060

Steel cable trays








Pre-galvanized white
Corrosion class C2

Screws, bolts and nuts

Type	Dimensions A/B/C mm		Weight kg/100 pcs	EAN code	Ref. No.
Screw set W34					
Screw set to be used for mounting of Cable tray W3 onto Cantilever arm 50, Locking clamp W77 and Angle bracket W8 onto Pendant rail W32, Junction box plate W24 onto W3 Cable tray or Lighting trunking W70 and W71, as well as for assembly of Angle bracket W8 (light fitting bracket) and for joining of W4 Installation trays. Set including screw MSCS 6x12 and nut M6MF 6. Material: Steel, electro-galvanized.					
W34	10/10/16		0.8	7321677184736	718473
Screw set W36					
Screw set including bolt and nut M8 to be used for the mounting of single Pendant attachment W21 or Tube pendant attachment W73 on Support bracket/joint W7. Material: Steel, electro-galvanized.					
W36	M8		1.2	7321677156467	715646
Screw set W36C					
Screw set including bolt with slotted screw head and nut M8. To be used for the mounting of single Pendant attachment W21 or Tube pendant attachment W73 on Support bracket/joint W7. Material: Steel, electro-galvanized.					
W36C	M8		1.8	7321677835003	783500
Screw set W37					
Screw set including bolt MVBF 8x35 and nut M6MF 8, to be used for assembly of Pendant attachment W21 and Ceiling attachment W31 with Pendant rail W32, and for the joining of Pendant rail W32. Material: Steel, electro-galvanized.					
W37	M8		2.8	7321677167999	716799
Screw set W38P					
Screw set including screw (with screw head lacquered white) and nut, to be used for the mounting of joints, bends, junctions, shade ledge W26 and integrated ceiling support channel W27. The patented screw set pierces through painted surfaces securing potential balancing. N.B. The joints must be unpainted. Material: Steel, electro-galvanized, white.					
W38P	–		0.4	7321677822164	782216
Screw W40					
Screw (RXS ST 5.5x13-H) to be used for the locking of T-joint W29 in open junctions. Material: Steel, electro-galvanized.					
W40	–		0.3	7321677218684	721868
T-bolt 26F					
T-bolt to be used for mounting with all vertical pieces (except Vertical piece 2) and with Pendant/fixing rail 24/48. Material: Steel, electro-galvanized.					
26F M8	M8x30		4.5	7321677349838	734983
26F M10	M10x30		7	7321677348640	734864
Locking plug W41					
Locking plug to be used for quick locking of joints, bends and branches in cable trays and lighting trunking. Material: PP+GF10.					
W41	Ø14/10.5		0.1	7321677186457	718645

Steel cable trays

Pre-galvanized white
Corrosion class C2

Threaded rods					
Type	Dimensions A/B/C mm		Weight kg/100 pcs	EAN code	Ref. No.
Threaded rod W76					
Threaded rod M6 to be used for light-duty cable tray W1/W3 and lighting trunking W70/W71 suspensions. Material: Steel, electro-galvanized.					
W76 M6	1000/6/6		18	7321677840618	784061
W76 M6	2000/6/6		36	7321677929344	792934
W76 M6	3000/6/6		54	7321677929351	792935
Threaded rod M8 to be used to suspend cable tray W1/W3 and lighting trunking W70/W71 installations. Material: Steel, electro-galvanized.					
W76 M8	1000/8/8		32	7321677250790	725079
Threaded rod M10 to be used to suspend cable tray W1/W3 and lighting trunking W70/W71 installations. Material: Steel, electro-galvanized white.					
W76 M10	2000/10/10		100	7321677290611	729061
W76 M10	3000/10/10		150	7321677290628	729062
Joint nut M6, M8, M10					
Joint nut to be used to connect two lengths of threaded rods W76. Material: Steel, electro-galvanized.					
Joint nut M6	30/11.5/10		1.2	7321677840632	784063
Joint nut M8	40/15/13		5.0	7321677250837	725083
Joint nut M10	40/18.5/16		7.2	7321677248063	724806
Thread lock M6					
Thread lock M6 to be used to connect two lengths of threaded rods W76. Provides a quick and screw-less height adjustment of the threaded rod. Material: Steel, electro-galvanized.					
Thread lock M6	M6		0.9	7321677840649	784064
Thread lock B50					
Thread lock M8 and M10 to be used to connect two lengths of threaded rods. Provides a quick and screw-less height adjustment of the threaded rod. Material: Steel, electro-galvanized.					
B50/M8	10/20/35		1	7332227014564	1149456
B50/M10	12/24/35		2	7332227014663	1149466
Flange nut M6					
Flange nut to be used to mount support brackets and ceiling brackets onto threaded rods W76. Material: Steel, electro-galvanized.					
Flange nut M6	M6		0.4	7321677840625	784062
Flange nut B43					
Flange nut to be mounted onto Threaded rod W76 in order to lock it to the Support hook and the Ceiling fittings. Package of 50 pcs. Material: Steel, electro-galvanized.					
B43/M8	17/17/8		0.4/bag	7321677888474	1149405
B43/M10	20/20/15		0.56/bag	7332227014649	1149464
Pendant attachment W73					
Tube pendant attachment to be used for mounting of threaded rod W76 M6/M10 in ceiling and cable tray W1/W3 and lighting trunking W70/W71. Provides a quick and screw-less height adjustment of the threaded rod. Material: Sheet steel, pre-galvanized white.					
W73 M6	135/26/56		7	7321677912070	791207
W73 M10	135/26/56		7	7321677290550	729055

Steel cable trays

Pre-galvanized white
Corrosion class C2

Ogebe fixings

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
Ogebe fixings				
Ogebe fixing type E to be used for mounting in 0.7-0.9 mm sheeting or board material. Examples are hole straps, pendants, ducts, trays and piping. Material: Steel, elctro-galvanized.				
Type E	40/25/48	4,8	7321677164745	716474
Ogebe fixing type D to be used for mounting in 0.7-0.9 mm sheeting or board material. Material: Steel, elctro-galvanized.				
Type D	42/25/56	6.8	7321677164752	716475
Ogebe fixing type ED to be used for mounting in 0.7-0.9 mm sheeting or board material. Examples are suspension devices, lighting fixtures, etc. Material: Steel, elctro-galvanized.				
Type ED	42/25/52	5,8	7321677164776	716477
Ogebe fixing type EG to be used for mounting in single gypsum boards. Material: Steel, elctro-galvanized.				
Type EG	54/25/64	5.6	7321677164783	716478
Ogebe fixing type EG2 to be used for mounting in double gypsum boards. Material Steel, electro-galvanized.				
Type EG2	66/25/64	6	732167 716479	716479

Brackets

Support bracket W1940				
Support bracket to be used for invisible installation of cable trays W1/40 and W3/40. Material: Sheet steel, pre-galvanized white.				
W1940-100	36/65/90	11	7321677290413	729041
W1940-200	36/65/190	22	7321677290420	729042
W1940-300	36/65/289	50	7321677290437	729043
W1940-400	36/65/389	68	7321677290444	729044
W1940-500	36/65/489	91	7321677837533	783753
W1940-600	36/65/589	110	7321677837540	783754
Support bracket W1960				
Support bracket to be used for invisible installation of cable trays W1/60 and W3/60. Material: Sheet steel, pre-galvanized white.				
W1960-100	56/65/89	19	7321677831661	783166
W1960-200	56/65/189	37	7321677831678	783167
W1960-300	56/65/289	58	7321677831685	783168
W1960-400	56/65/389	77	7321677831692	783169
W1960-500	56/65/489	96	7321677831708	783170
W1960-600	56/65/589	115	7321677831715	783171
Support bracket W20A				
Support bracket to be used for invisible installation of ligthing trunking W70/71, width 70 and 100 mm. The support bracket is snapped firmly into the trunking. The spring locking device facilitates easy vertical height adjustment. Suitable for threaded rod W76 M10. Material: Sheet steel, pre-galvanized white.				
W20A-70	145/75/66	15	7321677290277	729027
W20A-100	148/89/90	20	7321677290284	729028
Pendant bracket W80/W81				
Pendant bracket to be used to support lighting trunking W70-40. W80 pendant bracket facilitates easy vertical height adjustment on threaded rod. W81 needs to be suspended with Pendant rail W32. Material: Sheet steel, pre-galvanized white.				
W80	145/35/41	9	7321677290567	729056
W81	105/35/41	8	7321677290574	729057

Steel cable trays

Pre-galvanized white
Corrosion class C2

Cantilever arms

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
------	---------------------	-------------------	----------	----------

Cantilever arm 50i and 81

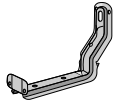
Cantilever arm 50i to be used for lighter mountings on walls, vertical pieces or pendant/fixing rails. Cantilever arm 81 to be used for widths 500-600 mm.
Material: Steel, pre-galvanized white.



50i-100	80/43/150	19	7321677914166	791416
50i-200	85/43/250	29	7321677914173	791417
50i-300	110/43/350	46	7321677914180	791418
50i-400	115/44/450	83	7321677914197	791419
81-500	150/40/568	100	7321677808557	780855
81-600	150/40/658	140	7321677808564	780856

Internal cantilever arm W17/40

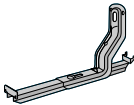
Internal cantilever arm to be used for invisible mounting inside cable tray W1/40 and W3/40.
Material: Sheet steel, pre-galvanized white.



W17/40-100	140/55/119	16	7321677290291	729029
W17/40-200	140/55/219	35	7321677290307	729030
W17/40-300	165/75/319	80	7321677290314	729031
W17/40-400	165/75/419	100	7321677290321	729032

Adjustable internal cantilever arm W1840

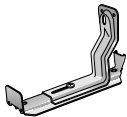
Adjustable internal cantilever arm to be used for invisible mounting inside cable trays W1/40 and W3/40. Adjustability 0-25 mm (W1840-100) and 0-50 mm (W1840-200-600).
Material: Sheet steel, pre-galvanized white.



W1840-100	160/60/88	36	7321677290338	729033
W1840-200	160/60/188	47	7321677290345	729034
W1840-300	185/60/289	120	7321677835911	783591
W1840-400	185/60/389	139	7321677835928	783592
W1840-500	185/60/489	156	7321677835935	783593
W1840-600	185/60/589	175	7321677835942	783594

Adjustable internal cantilever arm W1860

Adjustable cantilever arm to be used for invisible mounting inside cable trays W1/60 and W3/60. Adjustability 0-25 mm (100 mm length) and 0-50 mm (other lengths).
Material: Sheet steel, pre-galvanized white.



W1860-100	160/60/89	47	7321677835041	783504
W1860-200	160/60/189	65	7321677835058	783505
W1860-300	185/60/289	123	7321677835065	783506
W1860-400	185/60/389	142	7321677835072	783507
W1860-500	185/60/489	161	7321677835089	783508
W1860-600	185/60/589	180	7321677835096	783509

Back plate W30

Back plate to be used for wall installation of internal cantilever arms on porous walls, to reduce the surface pressure.
Material: Sheet steel, pre-galvanized white.



W30	135/3/135	42	7321677867936	786793
-----	-----------	----	---------------	--------

Vertical pieces


Pendant strip W33

Pendant strip to be used as a light-duty vertical ceiling suspension. The pendant strip is delivered in a straight length of 1 m, to be bent on site. Pendants longer than 1 m are joined by overlapping, using Screw set W36/W36C.
Material: Sheet steel, pre-galvanized white.



W33	1000/25/-	19	7321677290598	729059
-----	-----------	----	---------------	--------

Ceiling brackets

Type	Dimensions A/B/C mm		Weight kg/100 pcs	EAN code	Ref. No.
Ceiling attachment W31					
Ceiling attachment to be used for installations with Pendant rail W32. Material: Sheet steel, pre-galvanized white.					
W31	70/64/25		6.5	7321677290635	729063
Ceiling bracket 5TPA					
Ceiling bracket with telescopic function, to be used for mounting of various sizes of trapezoid plates. Including screw MVBF 8x16 and nut M6MF8. Breaking load: 150 kg without deformation. Material: Steel, pre-galvanized white.					
5TPA	50/76/79-118		14	7321677334865	733486

Pendant rails

Pendant rail W32					
Pendant rail to be installed in ceilings in combination with ceiling attachment W31 or Ogebe fixing type E. Material: Sheet steel, pre-galvanized white.					
W32	3000/20/20		180	7321677290581	729058
Pendant attachment W21					
Pendant attachment to be used in combination with pendant rail W32, support bracket/joint W7, etc. Material: Sheet steel, pre-galvanized white.					
W21	97/50/21		12	7321677290543	729054

Angle brackets

Angle bracket W8					
Angle bracket to be mounted inside a cable tray W1/W3 for horizontal installation to the wall or vertical installation to the floor. Can also be mounted as a pendant bracket in the lighting trunking W70/W71. Material: Sheet steel, pre-galvanized white.					
W8	80/38/45		6	7321677290666	729066
Angle bracket W8S					
Universal angle bracket to be used for various installations of pendant/fixing rail 24/34, support bracket, etc. Material: Sheet steel, pre-galvanized white.					
W8S	120/30/30		8	7321677268740	726874

Accessories


Strip fixing W44					
Strip fixing to be used for easy fixation of cables in an unperforated cable tray W1/40 or W1/60. Material: PPE.					
W44	5.5/25/96		1	7321677184699	718469
Protection strip W48					
Protection strip to be used to protect cables from sharp edges when cutting the cable tray W1/W3 or lighting trunking W70/W71. Material: Plastic.					
W48	10/6/720		6.1	7321677872114	787211
Repair paint					
Repair paint for the repair of minor damages of powder-coated products. Colour white RAL 9003, gloss 30. Spray bottle, 0.4 l.					
Repair paint, white	–		60	7321677397136	739713

Steel cable trays

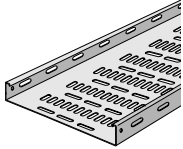
Hot-dip galvanized

Corrosion class C3, C4

Cable trays, perforated

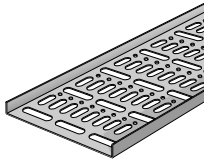
Type	Dimensions A/B/C mm		Weight kg/100 m	EAN code	Ref. No.
Cable tray W3					
Perforated cable tray for indoor or outdoor industrial applications. System height 40 mm. Provided with holes Ø 5.8 mm at the tray end to be used for fixation of joints. Oval holes along the lateral sides of the tray can be used for mounting of accessories. Material: Steel, hot-dip galvanized.					
W3/40-50	40/50/3000		110	7321677354009	735400
W3/40-70	40/70/3000		120	7321677354016	735401
W3/40-100	40/100/3000		156	7321677354023	735402
W3/40-150	40/150/3000		170	7321677354030	735403
W3/40-200	40/200/3000		220	7321677354047	735404
W3/40-300	40/300/3000		350	7321677354054	735405
W3/40-400	40/400/3000		453	7321677354061	735406
W3/40-500	40/500/3000		620	7321677354078	735407
W3/40-600	40/600/3000		723	7321677354085	735408

B223704



Installation tray W4					
Perforated installation tray for indoor or outdoor industrial applications. To be used when leading cables down from a cable ladder to machine cabinets, etc. Provided with holes Ø 3.5 mm in the bottom segment of the tray for the clamping of cables with plate screws. Material: Steel, hot-dip galvanized.					
W4-50	15/50/1960 15/50/3000		57	7321677366132 7321677359776	736613 735977
W4-75	15/75/1960 15/75/3000		76	7321677366149 7321677359783	736614 735978
W4-100	15/100/1960 15/100/3000		93	7321677366156 7321677359790	736615 735979
W4-150	15/150/1960 15/150/3000		125	7321677366163 7321677359806	736616 735980
W4-200	15/200/1960 15/200/3000		195	7321677366170 7321677359813	736617 735981
W4-250	15/250/1960 15/250/3000		228	7321677366187 7321677359820	736618 735982
W4-300	15/300/1960		238	7321677366194	736619
W4-400	15/400/1960		313	7321677366200	736620

B223705



Lighting trunking

Lighting trunking W70-40					
Cable tray with bottom perforation for indoor or outdoor industrial applications. System height 22 mm, length 2995 mm. The oval hole pattern at the base of the tray can be used for mounting of lighting fixtures. Material: Steel, hot-dip galvanized.					
W70-40	22/40/2995		113	7321677900671	790067

P135003



Lighting trunking W70-70, -100					
Cable tray with bottom perforation for indoor or outdoor industrial applications. System height 40 mm, length 3000 mm. Oval holes 9x5.8 mm on the lateral sides of the tray end can be used for fixation of joints. The oval hole pattern at the base of the tray can be used for mounting of lighting fixtures. On every 500 mm a 45° turned oval hole is placed to easily guide fast connectors into the tray. Material: Steel, hot-dip galvanized.					
W70-70	40/70/3000		293	3606480464812	CSU794528
W70-100	40/100/3000		346	3606480464829	CSU794529

P135004




P135002

Steel cable trays

Hot-dip galvanized

Corrosion class C3, C4

Covers

Type	Dimensions A/B/C mm		Weight kg/100 pcs	EAN code	Ref. No.
Cover W5					
Cover to be used to protect the cables inside the cable tray against damages, dust, liquids, UV-influence, etc. Material: Sheet steel, hot-dip galvanized.					
W5-70	10/71/2000		160	7321677322626	732262
W5-100	10/101/2000		210	7321677322633	732263
W5-150	10/151/2000		290	7321677322640	732264
W5-200	10/201/2000		370	7321677322657	732265
W5-300	10/301/2000		540	3606480535734	732266
W5-400	10/401/2000		710	7321677322671	732267
W5-500	10/501/2000		880	7321677322688	732268
W5-600	10/601/2000		1050	7321677322695	732269
Cover clamp W62					
Cover clamp to be used for the fixing of covers on cable trays W3 as well as on lighting trunking W70. Material: Stainless steel 304.					
W62	-/15/10.5		0.8	7321677301867	730186

Dividers

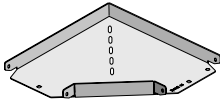
Dividing strip 39					
Dividing strip to be used to separate power and data communication cables inside a W3 cable tray or W70 lighting trunking. Material: Steel, hot-dip galvanized.					
39/24	24/24/1750		46	7321677317479	731747
39/55	55/24/1750		73	7321677329830	732983
Insert piece W39					
Insert piece to be used to join Dividing strips 39/24 in cable tray W3 and lighting trunking W70. The Insert piece can be positioned on Support bracket/joint W7/40 to ensure a continuous separation of cables inside the cable tray. Material: Plastic, natural coloured.					
W39	37/-/330		3	7321677168248	716824

Joints

Joint W7/40					
To be used as a joint for cable tray W3/40 and for lighting trunking W70. Material: Sheet steel, hot-dip galvanized.					
W7/40-50	38/46/200		18	7321677912735	791273
W7/40-70	38/66/200		21	7321677912742	791274
W7/40-100	38/96/200		26	7321677912759	791275
W7/40-150	38/146/200		34	7321677912766	791276
W7/40-200	38/196/200		42	7321677912773	791277
W7/40-300	38/296/300		107	7321677912780	791278
W7/40-400	38/396/300		137	7321677912797	791279
W7/40-500	38/496/300		166	7321677912803	791280
W7/40-600	38/596/300		195	7321677912810	791281
Side joint W49					
Side joint to be used for straight joining of cable tray W3/40. Material: Sheet steel, hot-dip galvanized.					
W49/40	37.5/-/300		17	7321677301911	730191
Joint W2					
Side joint to be used for straight joining of installation tray W4. Material: Sheet steel, hot-dip galvanized.					
W2	15/25/200		8	7321677885732	788573
T-joint W9					
T-joint to be used to construct T-sections or X-sections. Also used for oblique branches. The ref. number includes two pieces of T-joints and Screw set W38P. Material: Sheet steel, hot-dip galvanized.					
W9/40	40/72.5/200		6	7321677346226	734622

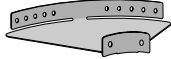
Bends

B224508



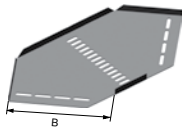
Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
90° bend W10F				
Horizontal 90° bend to be used for cable trays W3/40. Push-in assembly. Material: Sheet steel, hot-dip galvanized.				
W10F/40-50	38/47/119	14	7321677836604	783660
W10F/40-70	38/67/153	23	7321677836611	783661
W10F/40-100	38/97/204	39	7321677836628	783662
W10F/40-150	38/147/290	74	7321677836635	783663
W10F/40-200	38/197/375	119	7321677836642	783664
W10F/40-300	38/297/480	242	7321677836659	783665
W10F/40-400	38/397/580	353	7321677836666	783666
W10F/40-500	38/497/714	528	7321677836673	783667
W10F/40-600	38/597/814	685	7321677836680	783668

B223816



Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
Adjustable bend W10S				
Adjustable bend to be used for horizontal angling from 105° to 165° in steps of 7.5°. Push-in assembly. Material: Sheet steel, hot-dip galvanized.				
W10S/40-50	38/47/47	9	7321677345915	734591
W10S/40-70	38/67/67	10	7321677345922	734592
W10S/40-100	38/97/97	13	7321677345939	734593
W10S/40-150	38/147/147	24	7321677345946	734594
W10S/40-200	38/197/197	40	7321677345953	734595
W10S/40-300	38/297/297	94	7321677345960	734596
W10S/40-400	38/397/397	156	7321677345977	734597
W10S/40-500	38/497/497	270	7321677345984	734598
W10S/40-600	38/597/597	380	7321677345991	734599

P 139854



Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
90° bend W4				
Horizontal 90° bend to be used for cable tray W4. To be mounted on the outside of the tray and attached in the bottom segment with screw set W38P. Material: Sheet steel, hot-dip galvanized.				
W4-50	16/52/-	10	7321677840816	784081
W4-75	16/77/-	15	7321677840823	784082
W4-100	16/102/-	22	7321677840830	784083
W4-150	16/152/-	37	7321677840847	784084
W4-200	16/202/-	55	7321677840854	784085
W4-250	16/252/-	77	7321677840861	784086
W4-300	16/302/-	102	7321677840878	784087
W4-400	16/402/-	161	7321677840885	784088

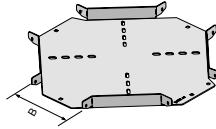
P128995



Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
T-junction W12F				
T-junction to be used for 90° horizontal junction of cable trays W3/40. Push-in assembly. Material: Sheet steel, hot-dip galvanized.				
W12F/40-50	38/47/171	21	7321677836703	783670
W12F/40-70	38/67/219	29	7321677836710	783671
W12F/40-100	38/97/312	49	7321677836727	783672
W12F/40-150	38/147/432	89	7321677836734	783673
W12F/40-200	38/197/553	154	7321677836741	783674
W12F/40-300	38/297/662	300	7321677836758	783675
W12F/40-400	38/397/762	428	7321677836765	783676
W12F/40-500	38/497/932	640	7321677836772	783677
W12F/40-600	38/597/1032	817	7321677836789	783678

Junctions

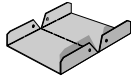
B224528



Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
X-junction W13F				
X-junction to be used for 90° horizontal junction of cable trays W3/40. Push-in assembly. Material: Sheet steel, hot-dip galvanized.				
W13F/40-50	38/47/148	21	7321677836802	783680
W13F/40-70	38/67/217	34	7321677836819	783681
W13F/40-100	38/97/313	59	7321677836826	783682
W13F/40-150	38/147/434	117	7321677836833	783683
W13F/40-200	38/197/555	194	7321677836840	783684
W13F/40-300	38/297/662	370	7321677836857	783685
W13F/40-400	38/397/762	510	7321677836864	783686
W13F/40-500	38/497/932	766	7321677836871	783687
W13F/40-600	38/597/1032	966	7321677836888	783688

Vertical risers

B223848



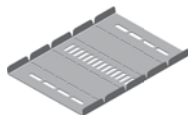
Vertical riser W11				
Vertical riser to be used as internal or external riser for cable trays W3/40. The riser is delivered flat and can be bent to the desired angle up to 90°. Push-in assembly. Material: Sheet steel, hot-dip galvanized.				
W11/40-50	-/48/150	8	7321677341016	734101
W11/40-70	-/68/150	10	7321677341023	734102
W11/40-100	-/98/150	12	7321677341030	734103
W11/40-150	-/148/150	17	7321677341047	734104
W11/40-200	-/198/200	28	7321677341054	734105
W11/40-300	-/298/200	39	7321677341061	734106
W11/40-400	-/398/200	50	7321677341078	734107
W11/40-500	-/498/200	61	7321677341085	734108
W11/40-600	-/598/200	73	7321677341092	734109

P139547



Vertical riser W11F				
W11F40-50	-/48/300	26	7321677839087	783908
W11F40-70	-/68/300	31	7321677839094	783909
W11F40-100	-/98/300	40	7321677839100	783910
W11F40-150	-/148/300	51	7321677839117	783911
W11F40-200	-/198/300	66	7321677839124	783912
W11F40-300	-/298/300	109	7321677839131	783913
W11F40-400	-/398/300	140	7321677839148	783914
W11F40-500	-/498/300	164	7321677839155	783915
W11F40-600	-/598/300	195	7321677839162	783916

P139557



Vertical riser W4				
Vertical riser suitable for installation tray W4. To be used as internal or external riser. The riser is delivered flat and can be bent to the desired angle up to 90°. Material: Sheet steel, hot-dip galvanized.				
W4-50	16/52/250	15	7321677840977	784097
W4-75	16/77/250	19	7321677840984	784098
W4-100	16/102/250	24	7321677840991	784099
W4-150	16/152/250	33	7321677841004	784100
W4-200	16/202/250	42	7321677841011	784101
W4-250	16/252/250	58	7321677841028	784102
W4-300	16/302/250	68	7321677841035	784103
W4-400	16/402/250	77	7321677841042	784104

Steel cable trays

Hot-dip galvanized

Corrosion class C3, C4

Reducers

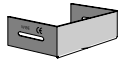
P126773



Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
Reducer W28/40				
Reducer for cable tray W3, system height 40. To be used together with side joint W49 in side transitions. In centered transitions only two reducers W28 are necessary. Material: Sheet steel, hot-dip galvanized.				
W28/40-50	37.5/50/200	15	7321677935871	793587
W28/40-100	37.5/100/200	17	7321677935888	793588
W28/40-150	37.5/150/200	20	7321677935895	793589
W28/40-200	37.5/200/200	23	7321677935901	793590
W28/40-250	37.5/250/200	26	7321677935918	793591
W28/40-300	37.5/300/200	29	7321677935925	793592
W28/40-350	37.5/350/200	32	7321677935932	793593
W28/40-400	37.5/400/200	36	7321677935949	793594
W28/40-450	37.5/450/200	39	7321677935956	793595
W28/40-500	37.5/500/200	41	7321677935963	793596

End covers

B23823



Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
End cover W45				
End cover to be mounted at the ends of cable trays W3/40 and of lighting trunking W70. Provided with oval holes 6x55 mm on the sides. Push-in assembly. Material: Sheet steel, hot-dip galvanized.				
W45/40-70	38/100/68	8	7321677830305	783030
W45/40-100	38/100/98	9	7321677830312	783031
W45/40-150	38/100/148	10	7321677830329	783032
W45/40-200	38/100/198	12	7321677830336	783033
W45/40-300	38/100/298	15	7321677830343	783034
W45/40-400	38/100/398	18	7321677830350	783035
W45/40-500	38/100/498	21	7321677830367	783036
W45/40-600	38/100/598	24	7321677830374	783037

Box plates

P13656



Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
Junction box plate W24				
Junction box plate, with perforated hole pattern. To be used for the installation of junction boxes, light fittings, etc., in cable trays W3/40 and in lighting trunking W70. Material: Sheet steel, hot-dip galvanized.				
W24/40	161/43/200	27	7321677346172	734617

Screws, bolts and nuts

P140151



Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
Screw set 22S				
Screw set to be used for installation of Ceiling bracket 5 on Pendant/fixing rails 24/34 and 24/48, Angle bracket 5L against the back of Pendant/fixing rails, Pendant/fixing rails back to back. Set including screw MVBF 8x16 and nut M6MF8. Material: Steel, hot-dip galvanized.				
22S	–	1.9	7321677136940	713694

P140156



Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
Screw set W34				
Screw set to be used for mounting of Cable tray W3 onto Cantilever arm 50 and Angle bracket W8 onto Pendant rail W32, Junction box plate W24 onto W3 Cable tray or Lighting trunking W70, as well as for assembly of Angle bracket W8 (light fitting bracket) and for joining of W4 Installation trays. Set including screw MSCS 6x12 and nut M6MF6. Material: Steel, Dacromet.				
W34	10/10/16	0.8	7321677346462	734646

B223888





Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
Screw set W38P				
Screw set including screw and nut, to be used for the mounting of joints, bends, junctions. Material: Steel, Dacromet.				
W38P	–	0.4	7321677332588	733258

P140072





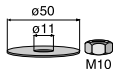


Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
T-bolt 26F				
T-bolt to be used for mounting with all vertical pieces (except Vertical piece 2) and with Pendant/fixing rail 24/48. Material: Steel, hot-dip galvanized.				
26F M8	M8x30	4.5	7321677347445	734744
26F M10	M10x30	7	7321677167944	716794
26F M10	M10x40	7.5	7321677167951	716795
26F M10	M10x50	8	7321677167968	716796

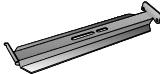
Screws, bolts and nuts

Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.	
Spring nut M8					
Spring nut to be used for fastening of accessories (control panels, etc.) on Pendant/fixing rail 24/48. Material: Steel, hot-dip galvanized.					
P140152 	M8	–	2.7	7321677164073	716407
Locking plug W41					
Locking plug to be used for quick locking of joints, bends and branches in cable trays and lighting trunking. Material: PP+GF10.					
B223983 	W41	Ø14/10.5	0.1	7321677186457	718645

Threaded rods

Threaded rod W76					
Threaded rod for M8 ceiling mounting of cable support. For fixing, use Flange Nut M8 and for extension, Distance nut M8. Material: Steel, hot-dip galvanized.					
P140075 	W76/M8	8/8/1000 8/8/2000	32 64	3606480483783 3606480483776	CSU794697 CSU734698
Flange nut					
Flange Nut M8 to be mounted on Threaded rod W76. Intended for ceiling mounting of cable support. Material: Steel, hot-dip galvanized.					
P140154 	Flange nut M8	17/17/8	1	3606480483806	CSU794715
Distance nut					
Distance nut M8 to be used as an extension and a coupler of Threaded rod W76. Intended for ceiling mounting of cable support. Material: Steel, hot-dip galvanized.					
P140155 	Distance nut M8	15/15/30	4	3606480483790	CSU794699
Nut M8, M10					
Nut to be used for the mounting of Threaded rod W76 M8 and M10 respectively. Material: Steel, hot-dip galvanized.					
	Nut M8	–	0.54	7321677250851	725085
	Nut M10	–	1.1	7321677239382	723938
Mounting set W78					
Mounting set including washer Ø50 and nut M10, to be used for mounting of threaded rod W76 in plate material or light concrete ceilings. Material: Steel, hot-dip galvanized.					
B224026 	W78	Ø50/M10	5.5	7321677170692	717069

Brackets


Support bracket W1940					
Support bracket to be used for invisible installation of cable trays W3/40. Material: Sheet steel, hot-dip galvanized.					
B223719 	W1940-100	36/65/90	11	7321677344529	734452
	W1940-200	36/65/190	22	7321677344536	734453
	W1940-300	36/65/289	50	7321677344543	734454
	W1940-400	36/65/389	68	7321677344550	734455
	W1940-500	36/65/489	91	7321677344567	734456
	W1940-600	36/65/589	110	7321677344574	734457

Steel cable trays

Hot-dip galvanized

Corrosion class C3, C4

Cantilever arms

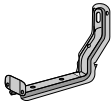
Type	Dimensions A/B/C mm 	Weight kg/100 pcs	EAN code	Ref. No.
Cantilever arm 50L and 50				
Cantilever arm for mounting on walls, pendant/fixing rails or vertical pieces. Material: Steel, hot-dip galvanized.				
50L-100	85/150/40	24	7321677251056	725105
50L-150	85/200/40	28	7321677251063	725106
50L-200	85/250/40	34	7321677251070	725107
50L-250	105/298/40	46	7321677251087	725108
50L-300	105/348/40	54	7321677251094	725109
50L-400	120/447/50	103	7321677251100	725110
50L-500	140/548/50	160	7321677251117	725111
50L-600	150/646/50	191	7321677251124	725112
50-100	85/40/150	24	7321677234325	723432
50-150	85/40/200	28	7321677234332	723433
50-200	85/40/250	34	7321677234349	723434
50-300	105/40/350	60	7321677234363	723436
50-400	120/50/450	118	7321677234370	723437
50-500	140/50/550	172	7321677234387	723438
50-600	150/50/650	215	7321677234394	723439

P140016



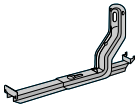
Internal cantilever arm W17				
Internal cantilever arm to be used for invisible mounting inside cable tray W3/40. Material: Sheet steel, hot-dip galvanized.				
W17/40-100	140/55/119	16	7321677345724	734572
W17/40-200	140/55/219	35	7321677345731	734573
W17/40-300	165/75/319	80	7321677345748	734574
W17/40-400	165/75/419	100	7321677345755	734575

B224555



Adjustable internal cantilever arm W1840				
Adjustable internal cantilever arm to be used for invisible mounting inside cable trays W3/40. Adjustability 0-25 mm (W1840-100) and 0-50 mm (W1840-200-600). Material: Sheet steel, hot-dip galvanized.				
W1840-100	160/60/88	36	7321677345786	734578
W1840-200	160/60/188	47	7321677345793	734579
W1840-300	185/60/289	120	7321677345809	734580
W1840-400	185/60/389	139	7321677345816	734581
W1840-500	185/60/489	156	7321677345823	734582
W1840-600	185/60/589	175	7321677345830	734583

B223717



Back plate 40				
Back plate to be used for installation behind Cantilever arm 50 and 50L to reduce the surface pressure on porous walls. Material: Steel, hot-dip galvanized.				
40	150/-/60	55	7321677687381	768738

P140029



Mounting rail 40				
Mounting rail to be used for wall installation of cantilever arms on porous walls to reduce the surface pressure or to enable height adjustment of cantilever arms. Material: Steel, hot-dip galvanized.				
40	48/26/270	56	7321677170012	717001

P140061



Vertical pieces

Vertical piece 2				
Vertical piece to be used for installation of Support bracket W1940, symmetrical loading. Can be joined to Pendant/fixing rail 24/34 with Pendant joint 2J. Material: Steel, hot-dip galvanized.				
2-300	279/80/135	52	7321677171910	717191
2-400	392/80/135	62	7321677171927	717192
2-500	504/80/135	72	7321677171934	717193
2-700	729/80/135	93	7321677171941	717194
2-1000	1022/80/135	120	7321677171958	717195

P139937




Steel cable trays

Hot-dip galvanized

Corrosion class C3, C4

Vertical pieces

Type	Dimensions A/B/C mm		Weight kg/100 pcs	EAN code	Ref. No.
Vertical piece 2F					
Vertical piece to be used for installation of Internal cantilever arm W17/40, Adjustable cantilever arm W18/40 or Cantilever arm 50/50L. Can be joined to Pendant/fixing rail 24/48 with Pendant joint 2FJ. Material: Steel, hot-dip galvanized.					
2F-280	280/80/135		80	7321677171965	717196
2F-370	370/80/135		100	7321677171972	717197
2F-505	505/80/135		130	7321677171989	717198
2F-730	730/80/135		170	7321677171996	717199
2F-1000	1000/80/135		220	7321677172009	717200
2F-1500	1495/80/135		290	7321677872763	787276

P139638



Ceiling brackets

Ceiling attachment W31					
Ceiling attachment to be used for installations with Pendant rail W32. Material: Sheet steel, hot-dip galvanized.					
W31	70/64/25		6.5	7321677346196	734619
Ceiling bracket 5					
Ceiling bracket to be used for installations with Pendant/Fixing rails 24/34 and 24/48. Screw not included. Material: Steel, hot-dip galvanized.					
5	100/135/40		35	7321677186402	718640
Ceiling bracket 5TPA					
Ceiling bracket with telescopic function, to be used for mounting of various sizes of trapezoid plates. Including screw MVBF 8x16 and nut M6MF8. Breaking load: 150 kg without deformation. Material: Steel, hot-dip galvanized.					
5TPA	50/76/79-118		14	7321677334872	733487
Ceiling bracket 5TP					
Ceiling bracket to be used for installations of Vertical pieces 2, 2F and 20 in ceilings with a trapezoidal sheet profile. Material: Steel, hot-dip galvanized.					
5TP	75/35/50		12	7321677131532	713153

B223767



P139961



P139962



P139963



Pendant/Fixing rails

Pendant rail W32					
Pendant rail to be installed in ceilings in combination with ceiling attachment W31. Material: Sheet steel, hot-dip galvanized.					
W32	3000/20/20		180	7321677346202	734620
Pendant/Fixing rail 24/34					
Pendant/Fixing rail for mounting of support brackets, cantilever arms, etc. Material: Steel, hot-dip galvanized.					
24/34	2970/16/42		240	7321677158799	715879
Pendant/Fixing rail 24/48					
Pendant/Fixing rail for mounting of support brackets, cantilever arms, etc. Material: Steel, hot-dip galvanized.					
24/48	2970/26/48		520	7321677050932	705093
24/48	5940/26/48		1120	7321677317196	731719

B223779




P139645



P139646



Pendant/Fixing rails

Type	Dimensions A/B/C mm		Weight kg/100 pcs	EAN code	Ref. No.
Fixing rail 24/26x53 for casting-in					
Fixing rail for casting-in in wall and ceilings. Material: Steel, hot-dip galvanized.					
24/26x53	4000/26/53		970	7321677680634	768063
Pendant attachment W21					
Pendant attachment to be used in combination with pendant rail W32, to construct a ceiling suspension. Material: Sheet steel, hot-dip galvanized.					
W21	97/50/21		12	7321677346189	734618

Pendant bars

Pendant bar 1					
Pendant bar to be installed in order to reduce the deflection of heavily loaded vertical pieces. Installed with T-bolt and Expansion bolt. Material: Steel, hot-dip galvanized.					
1-300	315/161/40		35	7321677176403	717640
1-500	515/166/40		53	7321677176410	717641
1-800	815/246/40		82	7321677176427	717642
1-1500	1296/35/50		560	7321677189038	718903
Bracket 60/40					
Bracket to be used together with Pendant/fixing rail 24/34 to reduce the deflection of long vertical pieces. Material: Steel, hot-dip galvanized.					
60/40	95/23/40		10	7321677189045	718904






Pendant joints

Pendant joint 2J and 2FJ					
Pendant joint to be used for joining pendant/fixing rails and vertical pieces. Screws M8x16 and nuts included. Material: Steel, hot-dip galvanized.					
2J	200/48/18		43	7321677131778	713177
2FJ	200/55/18		46	7321677131785	713178



Angle brackets

Angle bracket W8					
Angle bracket to be mounted inside a cable tray W3 for horizontal installation to the wall or vertical installation to the floor. Can also be mounted as a pendant bracket in the lighting trunking W70. Material: Sheet steel, hot-dip galvanized.					
W8	80/38/45		6	7321677288830	728883
Angle bracket W8S					
Universal angle bracket to be used for various installations of pendant/fixing rail 24/34, support bracket, etc. Material: Sheet steel, hot-dip galvanized.					
W8S	120/30/30		8	7321677268733	726873

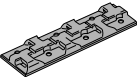
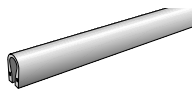

Mounting rails/lashing wire

Type	Dimensions A/B/C mm		Weight kg/100 pcs	EAN code	Ref. No.
Mounting rail WMS15					
Mounting rail to be used for installation directly on wall for lashing of cables. Material: Steel, hot-dip galvanized.					
P138267 	WMS15	3/15/2500	88	7321677928958	792895
Mounting rail WMS25					
Mounting rail to be used for installation directly on wall for lashing of cables. Material: Steel, hot-dip galvanized.					
P138271 	WMS25	3/25/2500	141	7321677250004	725000
Lashing wire					
Lashing wire to be used for lashing of wires on cable ladders. Material: Stainless steel, PVC.					
P140226 P140225 	HTR-2303, white PVC	Ø1.25	1.3/100 m	7321677136865	713686
	HTR-2313, black PVC	Ø1.25	1.3/100 m	7321677136872	713687
Lashing wire to be used for lashing of wires on cable ladders. Material: PVC.					
P140226 P140225 	HT-2304, white	Ø1.5	1.8/100 m	7321677136841	713684
	HT-2314, black	Ø1.5	1.8/100 m	7321677136858	713685


End plugs

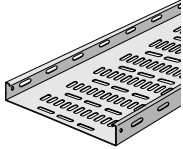
End plug 28C and E					
End plug to be mounted on pendant ends to provide protection against personal injury and to make the ends of the profiles more conspicuous. Material: PP/TPE, orange.					
P140067 	28C for Vertical piece 2 and Pendant/fixing rail 24/34	25/19/46	0.5	7321677898756	789875
P140069 	28E for Vertical piece 2F and Pendant/fixing rail 24/48	24/30/52	0.5	7321677090211	709021

Accessories

Strip fixing W44					
Strip fixing to be used for easy fixation of cables in an unperforated cable tray W1/40 or W1/60. Material: PPE.					
B223887 	W44	5.5/25/96	1	7321677184699	718469
Protection strip W48					
Protection strip to be used to protect cables from sharp edges when cutting the cable tray W1/W3 or lighting trunking W70/W71. Material: Plastic.					
B224310 	W48	10/6/720	6.1	7321677872114	787211
Repair paint					
Anti-corrosive repair paint Galvafruid in a 0.4 l tin for the repair of damages on pre-galvanized or hot-dip galvanized trays and accessories.					
B223244 	Anti-corrosive repair paint	–	104	7321677176373	717637

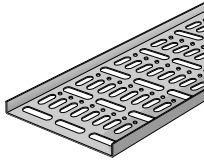
Cable trays, perforated

Type	Dimensions A/B/C mm		Weight kg/100 m	EAN code	Ref. No.
Cable tray W3					
Perforated cable tray for indoor or outdoor industrial applications. System height 40 mm. Provided with holes Ø 5.8 mm at the tray end to be used for fixation of joints. Oval holes along the lateral sides of the tray can be used for mounting of accessories. Material: Sheet steel, Zinkpox coated white.					
W3/40-50	40/50/3000		110	7321677354122	735412
W3/40-70	40/70/3000		120	7321677354139	735413
W3/40-100	40/100/3000		156	7321677354146	735414
W3/40-150	40/150/3000		170	7321677354153	735415
W3/40-200	40/200/3000		220	7321677354160	735416
W3/40-300	40/300/3000		350	7321677354177	735417
W3/40-400	40/400/3000		453	7321677354184	735418
W3/40-500	40/500/3000		620	7321677354191	735419
W3/40-600	40/600/3000		723	7321677354207	735420



B223704

Installation tray W4					
Perforated installation tray for indoor or outdoor industrial applications. To be used when leading cables down from a cable ladder to machine cabinets, etc. Provided with holes Ø 3.5 mm in the bottom segment of the tray for the clamping of cables with plate screws. Material: Sheet steel, Zinkpox coated white.					
W4-50	15/50/3000		57	7321677359998	735999
W4-75	15/75/3000		76	7321677360000	736000
W4-100	15/100/3000		93	7321677360017	736001
W4-150	15/150/3000		125	7321677360024	736002
W4-200	15/200/3000		195	7321677360031	736003
W4-250	15/250/3000		228	7321677360048	736004
W4-300	15/300/1960		238	7321677360055	736005
W4-400	15/400/1960		313	7321677360062	736006



B223705

Lighting trunking

Lighting trunking W70-40					
Cable tray with bottom perforation for indoor or outdoor industrial applications. System height 22 mm, length 2995 mm. The oval hole pattern at the base of the tray can be used for mounting of lighting fixtures. Material: Sheet steel, Zinkpox coated white.					
W70-40	22/40/2995		113	7321677900718	790071



P135003

Lighting trunking W70-70, -100					
Cable tray with bottom perforation for indoor or outdoor industrial applications. System height 40 mm, length 3000 mm. Oval holes 9x5.8 mm on the lateral sides of the tray end can be used for fixation of joints. The oval hole pattern at the base of the tray can be used for mounting of lighting fixtures. On every 500 mm a 45° turned oval hole is placed to easily guide fast connectors into the tray. Material: Sheet steel, Zinkpox coated white.					
W70-70	40/70/3000		293	3606480464843	CSU794531
W70-100	40/100/3000		346	3606480464850	CSU794532



P135004



Covers

P140457



Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
Cover W5				
Cover to be used to protect the cables inside the cable tray against damages, dust, liquids, UV-influence, etc. Material: Sheet steel, Zinkpox coated white.				
W5-70	10/71/2000	160	7321677823635	782363
W5-100	10/101/2000	210	7321677823642	782364
W5-150	10/151/2000	290	7321677823659	782365
W5-200	10/201/2000	370	7321677823666	782366
W5-300	10/301/2000	540	7321677823673	782367
W5-400	10/401/2000	710	7321677823680	782368
W5-500	10/501/2000	880	7321677823697	782369
W5-600	10/601/2000	1050	7321677823703	782370

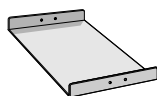
B223840



Cover clamp W62				
Cover clamp to be used for the fixing of covers on cable trays W3 as well as on lighting trunking W70. Material: Stainless steel 304.				
W62	-/15/10.5	0.8	7321677301867	730186

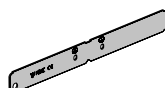
Joints

B223731



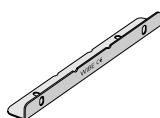
Joint W7/40				
To be used as a joint for cable tray W3/40 and for lighting trunking W70. Material: Sheet steel, Zinkpox coated white.				
W7/40-50	38/46/200	18	7321677912827	791282
W7/40-70	38/66/200	21	7321677912834	791283
W7/40-100	38/96/200	26	7321677912841	791284
W7/40-150	38/146/200	34	7321677912858	791285
W7/40-200	38/196/200	42	7321677912865	791286
W7/40-300	38/296/300	107	7321677912872	791287
W7/40-400	38/396/300	137	7321677912889	791288
W7/40-500	38/496/300	166	7321677912896	791289
W7/40-600	38/596/300	195	7321677912902	791290

B224229



Side joint W49				
Side joint to be used for straight joining of cable tray W3/40. Material: Sheet steel, Zinkpox coated white.				
W49/40	37.5/-/300	17	7321677902316	790231

B224540



Joint W2				
Side joint to be used for straight joining of installation tray W4. Material: Sheet steel, Zinkpox coated white.				
W2	15/25/200	8	7321677885756	788575

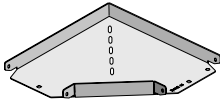
B223817



T-joint W9				
T-joint to be used to construct T-sections or X-sections. Also used for oblique branches. The ref. number includes two pieces of T-joints and Screw set W38P. Material: Sheet steel, Zinkpox coated white.				
W9/40	40/72.5/200	6	7321677831289	783128

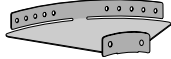
Bends

B224508



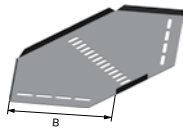
Type	Dimensions A/B/C mm	Weight kg/100 m	EAN code	Ref. No.
90° bend W10F				
Horizontal 90° bend to be used for cable trays W3/40. Push-in assembly. Material: Sheet steel, Zinkpox coated white.				
W10F/40-50	38/47/119	14	7321677836000	783600
W10F/40-70	38/67/153	23	7321677836017	783601
W10F/40-100	38/97/204	39	7321677836024	783602
W10F/40-150	38/147/290	74	7321677836031	783603
W10F/40-200	38/197/375	119	7321677836048	783604
W10F/40-300	38/297/480	242	7321677836055	783605
W10F/40-400	38/397/580	353	7321677836062	783606
W10F/40-500	38/497/714	528	7321677836079	783607
W10F/40-600	38/597/814	685	7321677836086	783608

B223816



Type	Dimensions A/B/C mm	Weight kg/100 m	EAN code	Ref. No.
Adjustable bend W10S				
Adjustable bend to be used for horizontal angling from 105° to 165° in steps of 7.5°. Push-in assembly. Material: Sheet steel, Zinkpox coated white.				
W10S/40-50	38/47/47	9	7321677828500	782850
W10S/40-70	38/67/67	10	7321677828517	782851
W10S/40-100	38/97/97	13	7321677828524	782852
W10S/40-150	38/147/147	24	7321677828531	782853
W10S/40-200	38/197/197	40	7321677828548	782854
W10S/40-300	38/297/297	94	7321677828555	782855
W10S/40-400	38/397/397	156	7321677828562	782856
W10S/40-500	38/497/497	270	7321677828579	782857
W10S/40-600	38/597/597	380	7321677828586	782858

P 139654



Type	Dimensions A/B/C mm	Weight kg/100 m	EAN code	Ref. No.
90° bend W4				
Horizontal 90° bend to be used for cable tray W4. To be mounted on the outside of the tray and attached in the bottom segment with screw set W38P. Material: Sheet steel, Zinkpox coated white.				
W4-50	16/52/-	10	7321677936779	793677
W4-75	16/77/-	15	7321677936786	793678
W4-100	16/102/-	22	7321677936793	793679
W4-150	16/152/-	37	7321677936809	793680
W4-200	16/202/-	55	7321677936816	793681
W4-250	16/252/-	77	7321677936823	793682
W4-300	16/302/-	102	7321677936830	793683
W4-400	16/402/-	161	7321677936847	793684

Junctions

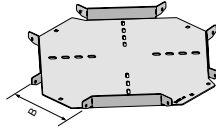
P128965



Type	Dimensions A/B/C mm	Weight kg/100 m	EAN code	Ref. No.
T-junction W12F				
T-junction to be used for 90° horizontal junction of cable trays W3/40. Push-in assembly. Material: Sheet steel, Zinkpox coated white.				
W12F/40-50	38/47/171	26	7321677836208	783620
W12F/40-70	38/67/219	35	7321677836215	783621
W12F/40-100	38/97/312	60	7321677836222	783622
W12F/40-150	38/147/432	110	7321677836239	783623
W12F/40-200	38/197/553	192	7321677836246	783624
W12F/40-300	38/297/662	300	7321677836253	783625
W12F/40-400	38/397/762	428	7321677836260	783626
W12F/40-500	38/497/932	640	7321677836277	783627
W12F/40-600	38/597/1032	817	7321677836284	783628

Junctions

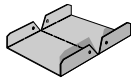
B224528



Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
X-junction W13F				
X-junction to be used for 90° horizontal junction of cable trays W3/40. Push-in assembly. Material: Sheet steel, Zinkpox coated white.				
W13F/40-50	38/47/148	27	7321677836406	783640
W13F/40-70	38/67/217	43	7321677836413	783641
W13F/40-100	38/97/313	74	7321677836420	783642
W13F/40-150	38/147/434	147	7321677836437	783643
W13F/40-200	38/197/555	243	7321677836444	783644
W13F/40-300	38/297/662	370	7321677836451	783645
W13F/40-400	38/397/762	510	7321677836468	783646
W13F/40-500	38/497/932	766	7321677836475	783647
W13F/40-600	38/597/1032	966	7321677836482	783648

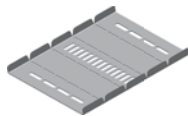
Vertical risers

B22848



Type	Dimensions A/B mm	Weight kg/100 pcs	EAN code	Ref. No.
Vertical riser W11				
Vertical riser to be used as internal or external riser for cable tray W3/40. The riser is delivered flat and can be bent to the desired angle up to 90°. Push-in assembly. Material: Sheet steel, Zinkpox coated white.				
W11/40-50	-/48/150	8	7321677830404	783040
W11/40-70	-/68/150	10	7321677830411	783041
W11/40-100	-/98/150	12	7321677830428	783042
W11/40-150	-/148/150	17	7321677830435	783043
W11/40-200	-/198/200	28	7321677830442	783044
W11/40-300	-/298/200	39	7321677830459	783045
W11/40-400	-/398/200	50	7321677830466	783046
W11/40-500	-/498/200	61	7321677830473	783047
W11/40-600	-/598/200	73	7321677830480	783048

P139557



Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
Vertical riser W4				
Vertical riser suitable for installation tray W4. To be used as internal or external riser. The riser is delivered flat and can be bent to the desired angle up to 90°. Push-in assembly. Material: Sheet steel, Zinkpox coated white.				
W4-50	16/52/250	15	7321677936694	793669
W4-75	16/77/250	19	7321677936700	793670
W4-100	16/102/250	24	7321677936717	793671
W4-150	16/152/250	33	7321677936724	793672
W4-200	16/202/250	42	7321677936731	793673
W4-250	16/252/250	58	7321677936748	793674
W4-300	16/302/250	68	7321677936755	793675
W4-400	16/402/250	77	7321677936762	793676

Reducers

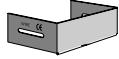
P128773




Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
Reducer W28/40				
Reducer for cable tray W3, system height 40. To be used together with side joint W49 in side transitions. In centered transitions only two reducers W28 are necessary. Material: Sheet steel, Zinkpox coated white.				
W28/40-50	37.5/50/200	15	7321677935970	793597
W28/40-100	37.5/100/200	17	7321677935987	793598
W28/40-150	37.5/150/200	20	7321677935994	793599
W28/40-200	37.5/200/200	23	7321677936007	793600
W28/40-250	37.5/250/200	26	7321677936014	793601
W28/40-300	37.5/300/200	29	7321677936021	793602
W28/40-350	37.5/350/200	32	7321677936038	793603
W28/40-400	37.5/400/200	36	7321677936045	793604
W28/40-450	37.5/450/200	39	7321677936052	793605
W28/40-500	37.5/500/200	41	7321677936069	793606

End covers

B223823



Type	Dimensions A/B/C mm		Weight kg/100 pcs	EAN code	Ref. No.
End cover W45					
End cover to be mounted at the ends of cable trays W3/40 and of lighting trunking W70. Provided with oval holes 6x55 mm on the sides. Push-in assembly. Material: Sheet steel, Zinkpox coated white.					
W45/40-70	38/100/68		8	7321677830008	783000
W45/40-100	38/100/98		9	7321677830015	783001
W45/40-150	38/100/148		10	7321677830022	783002
W45/40-200	38/100/198		12	7321677830039	783003
W45/40-300	38/100/298		15	7321677830046	783004
W45/40-400	38/100/398		18	7321677830053	783005
W45/40-500	38/100/498		21	7321677830060	783006
W45/40-600	38/100/598		24	7321677830077	783007

Box plates

P132526



Junction box plate W24					
Junction box plate with perforated hole pattern. To be used for the installation of junction boxes, light fittings, etc., in cable trays W3/40 and in lighting trunking W70. Material: Sheet steel, Zinkpox coated white.					
W24/40	161/43/200		27	7321677831302	783130

Screws, bolts and nuts

P140151



Screw set 22S					
Screw set to be used for installation of Ceiling bracket 5 on Pendant/fixing rails 24/34 and 24/48, Angle bracket 5L against the back of Pendant/fixing rails, Pendant/fixing rails back to back. Set including screw MVBFB 8x16 and nut M6MF8. Material: Steel, hot-dip galvanized.					
22S	–		1.9	7321677136940	713694

P140156



Screw set W34					
Screw set to be used for mounting of Cable tray W3 onto Cantilever arm 50 and Angle bracket W8 onto Pendant rail W32, Junction box plate W24 onto W3 Cable tray or Lighting trunking W70, as well as for assembly of Angle bracket W8 (light fitting bracket) and for joining of W4 Installation trays. Set including screw MSCS 6x12 and nut M6MF6. Material: Steel, Dacromet.					
W34	10/10/16		0.8	7321677346462	734646

B223986



Screw set W38P					
Screw set including screw and nut, to be used for the mounting of joints, bends, junctions. Material: Steel, Dacromet.					
W38P	–		0.4	7321677332588	733258

P140072



T-bolt 26F					
T-bolt to be used for mounting with all vertical pieces (except Vertical piece 2) and with Pendant/fixing rail 24/48. Material: Steel, hot-dip galvanized.					
26F M8	M8x30		4.5	7321677347445	734744
26F M10	M10x30		7	7321677167944	716794
26F M10	M10x40		7.5	7321677167951	716795
26F M10	M10x50		8	7321677167968	716796

P140152








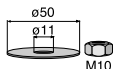
Spring nut M8					
Spring nut to be used for fastening of accessories (control panels, etc.) on Pendant/fixing rail 24/48. Material: Steel, hot-dip galvanized.					
M8	–		2.7	7321677164073	716407

B223883

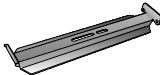


Locking plug W41					
Locking plug to be used for quick locking of joints, bends and branches in cable trays and lighting trunking. Material: PP+GF10.					
W41	Ø14/10.5		0.1	7321677186457	718645


Threaded rods

Type	Dimensions A/B/C mm		Weight kg/100 pcs	EAN code	Ref. No.
Threaded rod W76					
Threaded rod for M8 ceiling mounting of cable support. For fixing, use Flange Nut M8 and for extension, Distance nut M8. Material: Steel, hot-dip galvanized.					
P140075 	W76/M8	8/8/1000	32	3606480483783	CSU794697
		8/8/2000	64	3606480483776	CSU734698
Flange nut					
Flange Nut M8 to be mounted on Threaded rod W76. Intended for ceiling mounting of cable support. Material: Steel, hot-dip galvanized.					
P140154 	Flange nut M8	17/17/8	1	3606480483806	CSU794715
Distance nut					
Distance nut M8 to be used as an extension and a coupler of Threaded rod W76. Intended for ceiling mounting of cable support. Material: Steel, hot-dip galvanized.					
P140155 	Distance nut M8	15/15/30	4	3606480483790	CSU794699
Nut M8, M10					
Nut to be used for the mounting of Threaded rod W76 M8 and M10 respectively. Material: Steel, hot-dip galvanized.					
	Nut M8	–	0.54	7321677250851	725085
	Nut M10	–	1.1	7321677239382	723938
Mounting set W78					
Mounting set including washer Ø50 and nut M10, to be used for mounting of threaded rod W76 in plate material or light concrete ceilings. Material: Steel, hot-dip galvanized.					
E224026 	W78	Ø50/M10	5.5	7321677170692	717069

Brackets

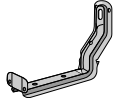
Support bracket W1940					
Support bracket to be used for invisible installation of cable trays W3/40. Material: Sheet steel, Zinkpox coated white.					
B223719 	W1940-100	36/65/90	11	7321677830602	783060
	W1940-200	36/65/190	22	7321677830619	783061
	W1940-300	36/65/289	50	7321677830626	783062
	W1940-400	36/65/389	68	7321677830633	783063
	W1940-500	36/65/489	91	7321677830640	783064
	W1940-600	36/65/589	110	7321677830657	783065

Cantilever arms

Cantilever arm 50L and 50					
Cantilever arm for mounting on walls, pendant/fixing rails or vertical pieces. Material: Sheet steel, Zinkpox coated white.					
P140414 	50L-100	85/150/40	24	7321677251131	725113
	50L-150	85/200/40	28	7321677251148	725114
	50L-200	85/250/40	34	7321677251155	725115
	50L-250	105/298/40	46	7321677251162	725116
	50L-300	105/348/40	54	7321677251179	725117
	50L-400	120/447/50	103	7321677251186	725118
	50L-500	140/548/50	160	7321677251193	725119
	50L-600	150/646/50	191	7321677251209	725120
	50-100	85/40/150	24	7321677234400	723440
	50-150	85/40/200	28	7321677234417	723441
	50-200	85/40/250	34	7321677234424	723442
	50-300	105/40/350	60	7321677234448	723444
	50-400	120/50/450	228	7321677234455	723445
	50-500	140/50/550	172	7321677234462	723446
	50-600	150/50/650	215	7321677234479	723447

Cantilever arms

B22455



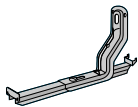
Type	Dimensions A/B/C mm	Weight kg/100 pcs	EAN code	Ref. No.
------	---------------------	-------------------	----------	----------

Internal cantilever arm W17/40

Internal cantilever arm to be used for invisible mounting inside cable tray W3/40.
Material: Sheet steel, Zinkpox coated white.

W17/40-100	140/55/119	16	7321677830664	783066
W17/40-200	140/55/219	35	7321677830671	783067
W17/40-300	165/75/319	80	7321677830688	783068
W17/40-400	165/75/419	100	7321677830695	783069

B22377



Adjustable internal cantilever arm W1840

Adjustable internal cantilever arm to be used for invisible mounting inside cable trays W3/40. Adjustability 0-25 mm (W1840-100) and 0-50 mm (W1840-200 to 600).
Material: Sheet steel, Zinkpox coated white.

W1840-100	160/60/88	36	7321677830183	783018
W1840-200	160/60/188	47	7321677830190	783019
W1840-300	185/60/289	120	7321677830206	783020
W1840-400	185/60/389	139	7321677830213	783021
W1840-500	185/60/489	156	7321677830220	783022
W1840-600	185/60/589	175	7321677830237	783023

P140447



Back plate 40

Back plate to be used for installation behind Cantilever arm 50 and 50L to reduce the surface pressure on porous walls.
Material: Sheet steel, Zinkpox coated white.

40	150/-/60	55	7321677140299	714029
----	----------	----	---------------	--------

P140463



Mounting rail 40

Mounting rail to be used for wall installation of cantilever arms on porous walls to reduce the surface pressure or to enable height adjustment of cantilever arms.
Material: Sheet steel, Zinkpox coated white.

40	48/26/270	56	7321677290451	729045
----	-----------	----	---------------	--------

Vertical pieces

P140422



Vertical piece 2

Vertical piece to be used for installation of Support bracket W1940, symmetrical loading. Can be joined to Pendant/fixing rail 24/34 with Pendant joint 2J.
Material: Sheet steel, Zinkpox coated white.

2-300	279/80/135	52	7321677162833	716283
2-400	392/80/135	62	7321677162840	716284
2-500	504/80/135	72	7321677162857	716285
2-700	729/80/135	93	7321677162864	716286
2-1000	1022/80/135	120	7321677162871	716287

P140423




Vertical piece 2F

Vertical piece to be used for installation of Internal cantilever arm W17/40, Adjustable cantilever arm W18/40 or Cantilever arm 50/50L. Can be joined to Pendant/fixing rail 24/48 with Pendant joint 2FJ.
Material: Sheet steel, Zinkpox coated white.

2F-280	280/80/135	80	7321677172016	717201
2F-370	370/80/135	100	7321677172023	717202
2F-505	505/80/135	130	7321677172030	717203
2F-730	730/80/135	170	7321677172047	717204
2F-1000	1000/80/135	220	7321677172054	717205
2F-1500	1495/80/135	290	7321677872770	787277

Ceiling brackets

Type	Dimensions A/B/C mm		Weight kg/100 pcs	EAN code	Ref. No.
Ceiling attachment W31					
Ceiling attachment to be used for installations with Pendant rail W32. Material: Sheet steel, Zinkpox coated white.					
W31	70/64/25		6.5	7321677831203	783120
Ceiling bracket 5					
Ceiling bracket to be used for installations with Pendant/Fixing rails 24/34 and 24/48. Screw not included. Material: Sheet steel, Zinkpox coated white.					
5	100/135/40		35	7321677162932	716293
Ceiling bracket 5TP					
Ceiling bracket to be used for installations of Vertical pieces 2, 2F and 20 in ceilings with a trapezoidal sheet profile. Material: Steel, Zinkpox coated white.					
5TP	75/35/50		12	7321677162956	716295

Pendant/Fixing rails

Pendant rail W32					
Pendant rail to be installed in ceilings in combination with ceiling attachment W31. Material: Sheet steel, Zinkpox coated white.					
W32	3000/20/20		180	7321677831227	783122
Pendant/Fixing rail 24/34					
Pendant/Fixing rail for mounting of support brackets, cantilever arms, etc. Material: Sheet steel, Zinkpox coated white.					
24/34	2970/16/42		240	7321677163090	716309
Pendant/Fixing rail 24/48					
Pendant/Fixing rail for mounting of support brackets, cantilever arms, etc. Material: Steel, Zinkpox coated white.					
24/48	2970/26/48		520	7321677163069	716306
24/48	5940/26/48		1120	7321677317240	731724
Pendant attachment W21					
Pendant attachment to be used in combination with pendant rail W32, to construct a ceiling suspension. Material: Sheet steel, Zinkpox coated white.					
W21	97/50/21		12	7321677831074	783107


Pendant bars

Pendant bar 1					
Pendant bar to be installed in order to reduce the deflection of heavily loaded vertical pieces. Installed with T-bolt and Expansion bolt. Material: Sheet steel, Zinkpox coated white.					
1-300	315/161/40		35	7321677176434	717643
1-500	515/166/40		53	7321677176441	717644
1-800	815/246/40		82	7321677176458	717645
1-1500	1296/35/50		560	7321677205301	720530
Bracket 60/40					
Bracket to be used together with Pendant/fixing rail 24/34 to reduce the deflection of long vertical pieces. Material: Sheet steel, Zinkpox coated white.					
60/40	95/23/40		10	7321677205318	720531

Pendant joints

P140439
P140440



Type	Dimensions A/B/C mm		Weight kg/100 pcs	EAN code	Ref. No.
Pendant joint 2J and 2FJ					
Pendant joint to be used for joining pendant/fixing rails and vertical pieces. Screws M8x16 and nuts included. Material: Steel, Zinkpox coated white.					
2J	200/48/18		43	7321677163038	716303
2FJ	200/55/18		46	7321677163045	716304

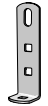
Angle brackets

B223809



Angle bracket W8					
Angle bracket to be mounted inside a cable trays W3 for horizontal installation to the wall or vertical installation to the floor. Can also be mounted as a pendant bracket in the lighting trunking W70. Material: Sheet steel, Zinkpox coated white.					
W8	80/38/45		6	7321677831241	783124

B223789



Angle bracket W8S					
Universal angle bracket to be used for various installations of pendant/fixing rail 24/34, support bracket, etc. Material: Sheet steel, Zinkpox coated white.					
W8S	120/30/30		8	7321677831265	783126

End plugs

P140057



End plug 28C and E					
End plug to be mounted on pendant ends to provide protection against personal injury and to make the ends of the profiles more conspicuous. Material: PP/TPE, orange.					
28C for Vertical piece 2 and Pendant/fixing rail 24/34	25/19/46		0.5	7321677898756	789875

P140069



28E for Vertical piece 2F and Pendant/fixing rail 24/48	24/30/52		0.5	7321677090211	709021
---	----------	--	-----	---------------	--------

Accessories

P140226
P140225



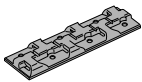
Lashing wire					
Lashing wire to be used for lashing of wires on cable ladders. Material: Stainless steel, PVC.					
HTR-2303, white PVC	Ø1.25		1.3/100 m	7321677136865	713686
HTR-2313, black PVC	Ø1.25		1.3/100 m	7321677136872	713687

P140226
P140225



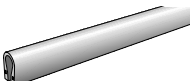
Lashing wire to be used for lashing of wires on cable ladders. Material: PVC.					
HT-2304, white	Ø1.5		1.8/100 m	7321677136841	713684
HT-2314, black	Ø1.5		1.8/100 m	7321677136858	713685

B223867



Strip fixing W44					
Strip fixing to be used for easy fixation of cables in an unperforated cable tray W1/40 or W1/60. Material: PPE.					
W44	5.5/25/96		1	7321677184699	718469

B224310



Protection strip W48					
Protection strip to be used to protect cables from sharp edges when cutting the cable tray W1/W3 or lighting trunking W70/W71. Material: Plastic.					
W48	10/6/720		6.1	7321677872114	787211

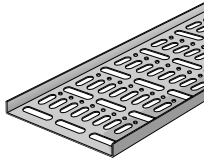
B224226



Repair paint					
Repair paint for the repair of minor damages of powder-coated products. Colour white RAL 9003, gloss 30.					
Spray bottle, 0.4 litres	—		60	7321677397136	739713

Cable trays, perforated

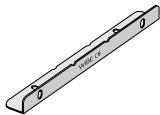
B223705



Type	Dimensions A/B/C mm	Weight kg/100 m	EAN code	Ref. No.
Installation tray W4				
Perforated installation tray for both indoor and outdoor applications having high demands on corrosion resistance. To be used when leading cables down from a cable ladder to machine cabinets, etc. Provided with holes Ø 3.5 mm in the bottom segment of the tray for the clamping of cables with plate screws. Material: Stainless steel AISI316L.				
W4-50	15/50/3000	56	7321677834709	783470
W4-75	15/75/3000	73	7321677834716	783471
W4-100	15/100/3000	90	7321677834723	783472
W4-150	15/150/3000	119	7321677834730	783473
W4-200	15/200/3000	149	7321677834747	783474
W4-250	15/250/3000	181	7321677834754	783475
W4-300	15/300/3000	214	7321677834761	783476
W4-400	15/400/3000	279	7321677834778	783477

Joints

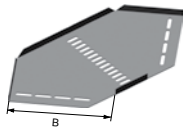
B224540



Joint W2				
Side joint to be used for straight joining of installation tray W4. Material: Stainless steel AISI316L.				
W2	15/25/200	8	7321677834877	783487

Bends

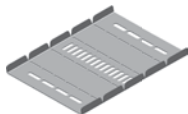
P139454



90° bend W4				
Horizontal 90° bend to be used for cable tray W4. To be mounted on the outside of the tray and attached in the bottom segment with screw set W34. Material: Stainless steel AISI316L.				
W4-50	16/52/-	10	7321677838844	783884
W4-75	16/77/-	15	7321677838851	783885
W4-100	16/102/-	22	7321677838868	783886
W4-150	16/152/-	37	7321677838875	783887
W4-200	16/202/-	55	7321677838882	783888
W4-250	16/252/-	77	7321677838899	783889
W4-300	16/302/-	102	7321677838905	783890
W4-400	16/402/-	161	7321677838912	783891

Vertical risers

P139457




Vertical riser W4				
Vertical riser suitable for installation tray W4. To be used as internal or external riser. The riser is delivered flat and can be bent to the desired angle up to 90°. Material: Stainless steel AISI316L.				
W4-50	16/52/250	15	7321677839001	783900
W4-75	16/77/250	19	7321677839018	783901
W4-100	16/102/250	24	7321677839025	783902
W4-150	16/152/250	33	7321677839032	783903
W4-200	16/202/250	42	7321677839049	783904
W4-250	16/252/250	58	7321677839056	783905
W4-300	16/302/250	68	7321677839063	783906
W4-400	16/402/250	77	7321677839070	783907

Steel cable trays

Stainless steel

Corrosion class C5-M

Screws, bolts and nuts

Type	Dimensions A/B/C mm		Weight kg/100 m	EAN code	Ref. No.
Screw set 22S					
Screw set to be used for installation of Ceiling bracket 5 on Pendant/fixing rails 24/34 and 24/48, Angle bracket 5L against the back of Pendant/fixing rails, Pendant/fixing rails back to back. Set including screw MVBF 8x16 and nut M6MF8. Material: Stainless steel AISI316.					
22S	–		1.9	7321677255825	725582
Screw set W34					
Screw set to be used for mounting of Angle bracket W8 onto Pendant rail W32 and for joining of W4 Installation trays. Set including screw MSCS 6x12 and nut M6MF6. Material: Stainless steel AISI316.					
W34	10/10/16		0.8	7321677255894	725589
Screw set W36					
Screw set including bolt and nut M8 to be used for the mounting of single Pendant attachment W21 or on Support bracket/joint W7. Material: Stainless steel AISI316.					
W36	M8		1.2	7321677255818	725581
Screw set W37					
Screw set including bolt MVBF 8x35 and nut M6MF 8, to be used for assembly of Pendant attachment W21 and Ceiling attachment W31 with Pendant rail W32, and for the joining of Pendant rail W32. Material: Stainless steel AISI316.					
W37	M8		2.8	7321677255863	725586
T-bolt 26F					
T-bolt to be used for the mounting of Cantilever arm 50 on Pendant/Fixing rail 24/48 and all vertical pieces except Vertical piece 2. Material: Stainless steel AISI316.					
26F M8	M8x30		4.5	7321677349869	734986
26F M10	M10x30		7	7321677285969	728596
26F M10	M10x50		8	7321677285983	728598


Threaded rods

Threaded rod B41					
Threaded rod according to metric standard 6G. Material: Stainless steel AISI316L.					
B41/M8	8/8/1000 8/8/2000		63	7332227015516 7332227015523	1149551 1149552
B41/M10	10/10/1000 10/10/2000		99	7332227015615 7332227015622	1149561 1149562
Joint nut M8, M10					
Joint nut to be used to connect two lengths of threaded rods B41. Material: Stainless steel AISI316.					
Joint nut M8	40/15/13		5.0	7321677250844	725084
Joint nut M10	40/18.5/16		7.2	7321677248070	724807
Flange nut B43					
Flange nut to be mounted onto Threaded rod B41 in order to lock it to the Support hook and the Ceiling fittings. Package of 50 pcs. Material: Stainless steel AISI316L.					
B43/M8	17/17/8		34	7332227015547	1149554
B43/M10	20/20/15		56	7332227015646	1149564

Cantilever arms

Cantilever arm 50					
Cantilever arm for mounting on walls, pendant/fixing rails or vertical pieces. Material: Stainless steel AISI316L.					
50-100	85/40/150		24	7321677256181	725618
50-150	85/40/200		28	7321677256198	725619
50-200	85/40/250		34	7321677256204	725620
50-300	105/40/350		60	7321677256228	725622
50-400	120/50/450		118	7321677256235	725623
50-500	140/50/550		172	7321677256242	725624
50-600	150/50/650		215	7321677256259	725625

Vertical pieces

Type	Dimensions A/B/C mm		Weight kg/100 pcs	EAN code	Ref. No.
Vertical piece 2					
Vertical piece to be used with Angle bracket W8S for symmetric loading. Can be extended by using Pendant joint 2J. Material: Stainless steel AISI316L.					
2-300	279/80/135		52	7321677255573	725557
2-400	392/80/135		62	7321677255580	725558
2-500	504/80/135		72	7321677255597	725559
2-700	729/80/135		93	7321677255603	725560
2-1000	1022/80/135		120	7321677255610	725561
Vertical piece 2F					
Vertical piece to be used for installation of Cantilever arm 50. Can be joined to Pendant/fixing rail 24/48 with Pendant joint 2FJ. Material: Stainless steel AISI316L.					
2F-280	280/80/135		80	7321677255627	725562
2F-370	370/80/135		100	7321677255634	725563
2F-505	505/80/135		130	7321677255641	725564
2F-730	730/80/135		170	7321677255658	725565
2F-1000	1000/80/135		220	7321677255665	725566
2F-1500	1495/80/135		290	7321677872787	787278


Ceiling brackets

Ceiling attachment W31					
Ceiling attachment to be used for installations with Pendant rail W32. Material: Stainless steel AISI316L.					
W31	70/64/25		6.5	7321677255832	725583
Ceiling bracket 5					
Ceiling bracket to be used for installations with Pendant/Fixing rails 24/34 and 24/48. Screw not included. Material: Stainless steel AISI316L.					
5	100/135/40		35	7321677255733	725573

Pendant/Fixing rails

Pendant rail W32					
Pendant rail to be installed in ceilings in combination with ceiling attachment W31. Material: Stainless steel AISI316L.					
W32	3000/20/20		180	7321677255849	725584
Pendant/Fixing rail 24/34					
Pendant/Fixing rail for mounting of support brackets, cantilever arms, etc. Material: Stainless steel AISI316L.					
24/34	293/16/42		23	7321677255740	725574
24/34	383/16/42		31	7321677255757	725575
24/34	495/16/42		40	7321677255764	725576
24/34	698/16/42		56	7321677255771	725577
24/34	990/16/42		80	7321677255788	725578
24/34	2970/16/42		240	7321677255795	725579
Pendant/Fixing rail 24/48					
Pendant/Fixing rail for mounting of support brackets, cantilever arms, etc. Material: Stainless steel AISI316L.					
24/48	2970/26/48		520	7321677285952	728595
24/48	5940/26/48		1120	7321677317271	731727

Pendant/Fixing rails

Type	Dimensions A/B/C mm 	Weight kg/100 pcs	EAN code	Ref. No.
Pendant W21				
Pendant attachment to be used in combination with pendant rail W32. Material: Stainless steel AISI316L.				
W21	97/50/21	12	7321677255856	725585

B223750



Pendant joints

Pendant joint 2J and 2FJ				
Pendant joint to be used for joining pendant/fixing rails and vertical pieces. Screws M8x16 and nuts included. Material: Stainless steel AISI316L.				
2J	200/48/18	43	7321677264841	726484
2FJ	200/55/18	46	7321677264858	726485

P139959
P139960



Angle brackets

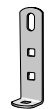
Angle bracket W8				
Angle bracket to be mounted inside a cable tray W4 for horizontal installation to the wall or vertical installation to the floor. Can also be mounted as a pendant bracket in the W4 installation tray. Material: Stainless steel AISI316L.				
W8	80/38/45	6	7321677255801	725580

B223809



Angle bracket W8S				
Universal angle bracket to be used for various installations of pendant/fixing rail 24/34, support bracket, etc. Material: Stainless steel AISI316L.				
W8S	120/30/30	8	7321677268757	726875

B223789



End plugs

End plug 28C and E				
End plug to be mounted on pendant ends to provide protection against personal injury and to make the ends of the profiles more conspicuous. Material: PP/TPE, orange.				
28C for Vertical piece 2 and Pendant/fixing rail 24/34	25/19/46	0.5	7321677898756	789875
28E for Vertical piece 2F and Pendant/fixing rail 24/48	24/30/52	0.5	7321677090211	709021

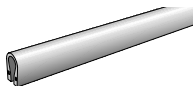
P140067
P140069



Protection strip

Protection strip W48				
Protection strip to be used to protect cables from sharp edges when cutting the cable tray W4. Material: Plastic.				
W48	10/6/720	6.1	7321677872114	787211

B224310



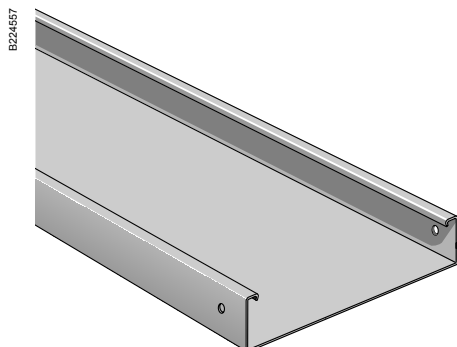
Steel cable trays

Stainless steel

Corrosion class C5-M

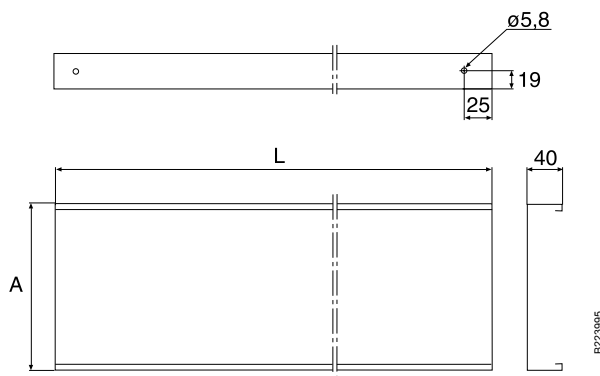
Installation instructions

Use and Installation



Cable tray W1/40, unperforated

Unperforated cable tray system height 40 mm. Provided with holes $\varnothing 5.8$ mm at the tray end to be used for fixation of joints.



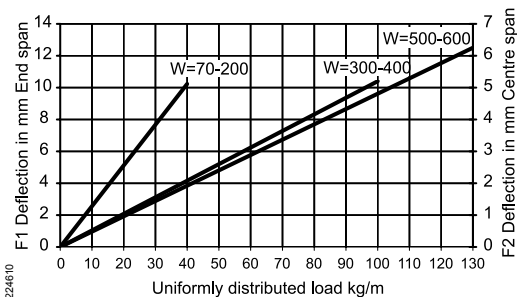
Cable tray W1 H=40 mm L=2000 mm

F1: End span, the joint position is in mid span

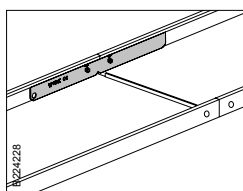
F2: Center span

One or more joints may be required dependent upon the product length and span.

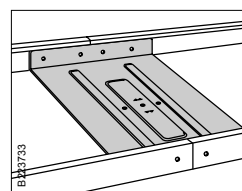
Span 2 m



Type	A mm	L mm
Cable tray W1/40-70	70	2000
Cable tray W1/40-100	100	2000
Cable tray W1/40-200	200	2000
Cable tray W1/40-300	300	2000
Cable tray W1/40-400	400	2000
Cable tray W1/40-500	500	2000
Cable tray W1/40-600	600	2000
Cable tray W1/40-500 FS	500	2000
Cable tray W1/40-600 FS	600	2000
Cable tray W1/40-70	70	3000
Cable tray W1/40-100	100	3000
Cable tray W1/40-200	200	3000
Cable tray W1/40-300	300	3000
Cable tray W1/40-400	400	3000
Cable tray W1/40-500	500	3000
Cable tray W1/40-600	600	3000



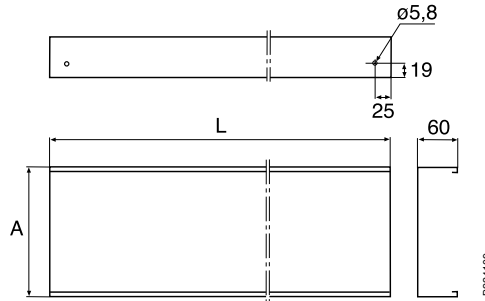
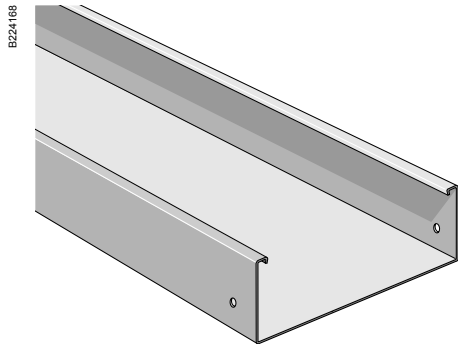
Cable tray W1/40 is joined with 2 Side joints W49/40 or Support bracket/joint W7/40.



For trays 300 mm and wider we recommend to use Support bracket/joint W7/40.

Cable tray W1/60, unperforated

Unperforated cable tray system height 60 mm. Provided with holes $\varnothing 5.8$ mm at the tray end to be used for fixation of joints.



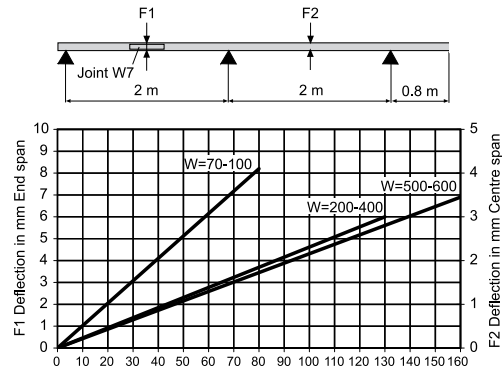
Cable tray W1 H=60 mm L=2000 mm

F1: End span, the joint position is in mid span

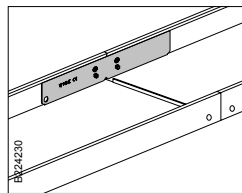
F2: Center span

One or more joints may be required dependent upon the product length and span.

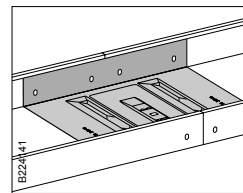
Span 2 m



Type	A mm	L mm
Cable tray W1/60-70	70	2000
Cable tray W1/60-100	100	2000
Cable tray W1/60-200	200	2000
Cable tray W1/60-300	300	2000
Cable tray W1/60-400	400	2000
Cable tray W1/60-500	500	2000
Cable tray W1/60-600	600	2000
Cable tray W1/60-500 FS	500	2000
Cable tray W1/60-600 FS	600	2000



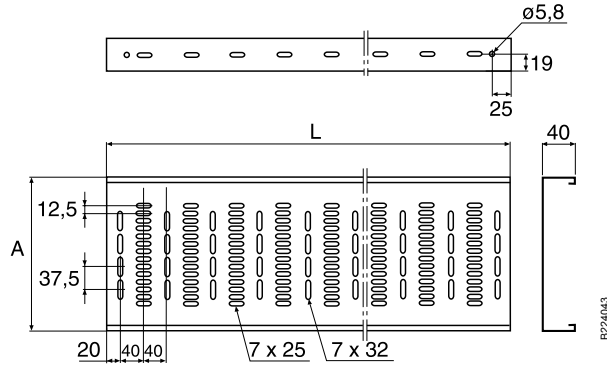
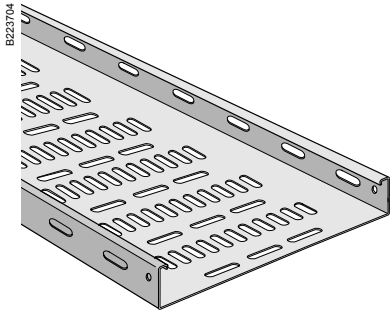
Cable tray W1/60 is joined with 2 Side joints W49/60 or Support bracket/joint W7/60.



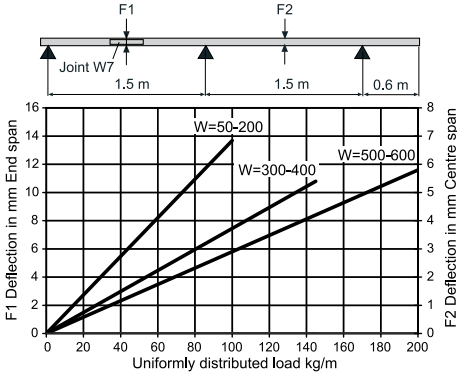
For trays 300 mm and wider we recommend to use Support bracket/joint W7/60.

Cable tray W3/40, perforated

Perforated cable tray system height 40 mm. Provided with holes \varnothing 5.8 mm at the tray end to be used for fixation of joints. Oval holes along the lateral side of the tray can be used for mounting of accessories.

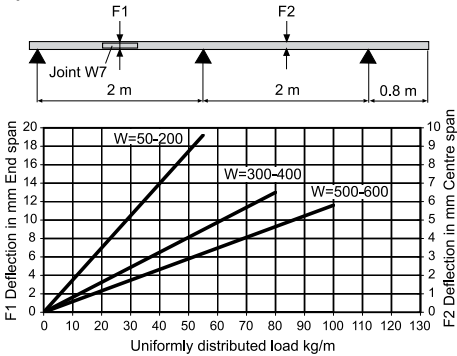


Span 1.5 m

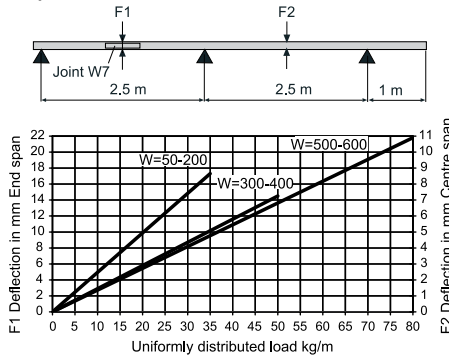


Type	A mm	L mm
Cable tray W3/40-50	50	3000
Cable tray W3/40-70	70	3000
Cable tray W3/40-100	100	3000
Cable tray W3/40-150	150	3000
Cable tray W3/40-200	200	3000
Cable tray W3/40-300	300	3000
Cable tray W3/40-400	400	3000
Cable tray W3/40-500	500	3000
Cable tray W3/40-600	600	3000

Span 2 m



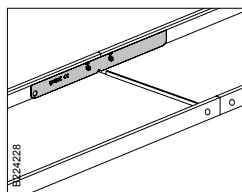
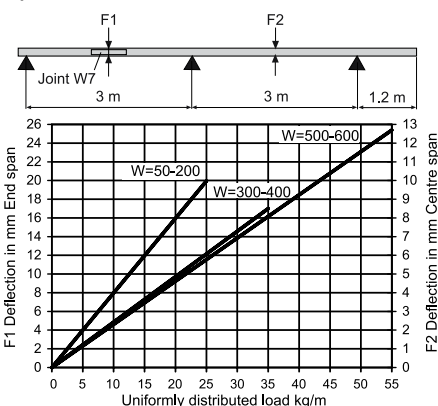
Span 2.5 m



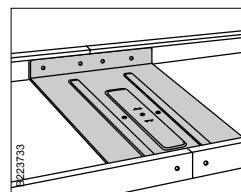
The cable trays are tested according to IEC 61537:
Cable tray W3 H=40mm
L=3000mm

F1: End span, the joint position is in mid span
 F2: Center span
 One or more joints may be required dependent upon the product length and span.

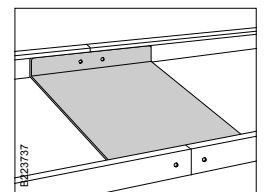
Span 3 m



Cable tray W3/40 is joined with 2 Side joints W49/40 or Support bracket/joint W7/40.



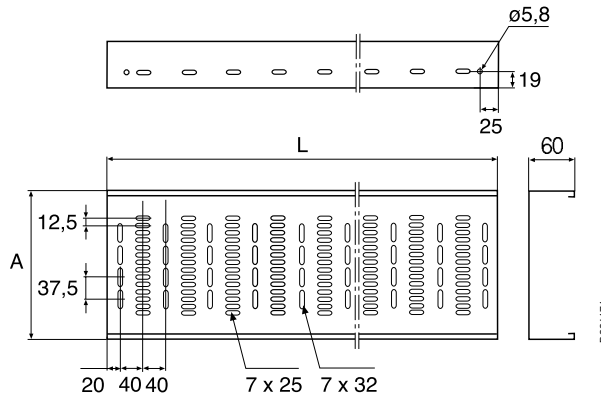
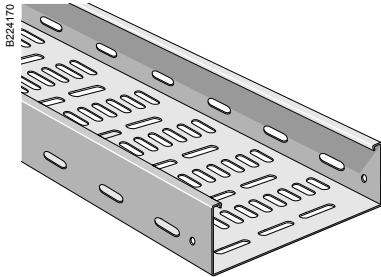
For Pre-galvanized trays 300 mm and wider we recommend to use Support bracket/joint W7/40.



For Hot dip galvanized trays 300 mm and wider we recommend to use Joint W7/40.

Cable tray W3/60, perforated

Perforated cable tray system height 60 mm. Provided with holes $\varnothing 5.8$ mm at the tray end to be used for fixation of joints. Oval holes along the lateral side of the tray can be used for mounting of accessories.



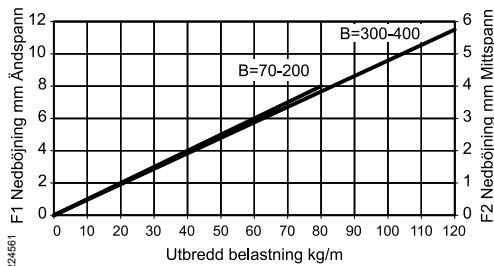
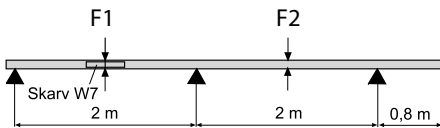
Cable tray W3 H=60 mm L=3000 mm

F1: End span, the joint position is in mid span

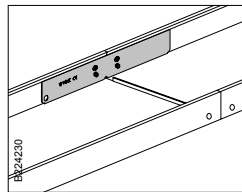
F2: Center span

One or more joints may be required dependent upon the product length and span.

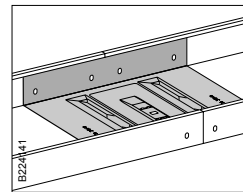
Span 2 m



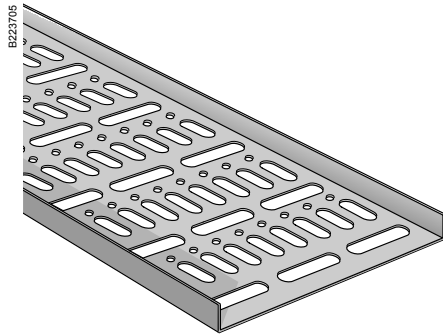
Type	A mm	L mm
Cable tray W3/60-70	70	3000
Cable tray W3/60-100	100	3000
Cable tray W3/60-150	150	3000
Cable tray W3/60-200	200	3000
Cable tray W3/60-300	300	3000
Cable tray W3/60-400	400	3000
Cable tray W3/60-500	500	3000
Cable tray W3/60-600	600	3000



Cable tray W1/60 is joined with 2 Side joints W49/60 or Support bracket/joint W7/60.

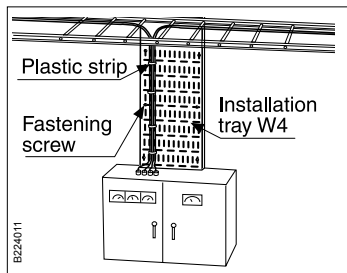
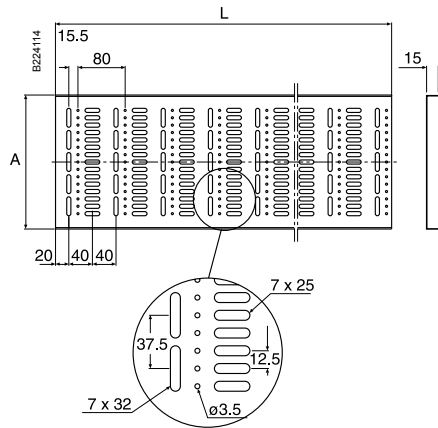


For trays 300 mm and wider we recommend to use Support bracket/joint W7/60.



Installation tray W4

Perforated installation tray. To be used when leading cables down from a cable ladder to machine cabinets, etc. Provided with holes $\varnothing 3.5$ mm in the bottom segment of the tray for the clamping of cables with plate screws.



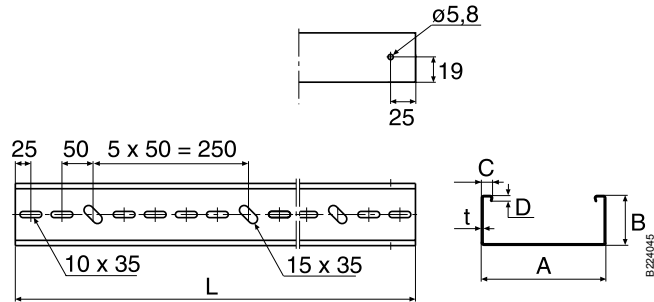
Type	L mm	A m
W4-50	1960 3000	50
W4-75	1960 3000	75
W4-100	1960 3000	100
W4-150	1960 3000	150
W4-200	1960 3000	200
W4-250	1960 3000	250
W4-300	1960 3000	300
W4-400	1960 3000	400

Lighting trunking W70



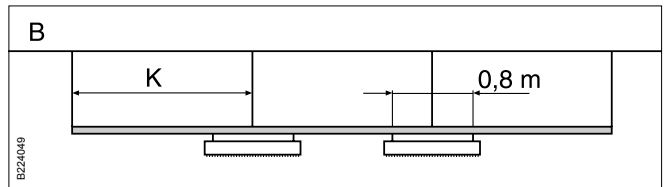
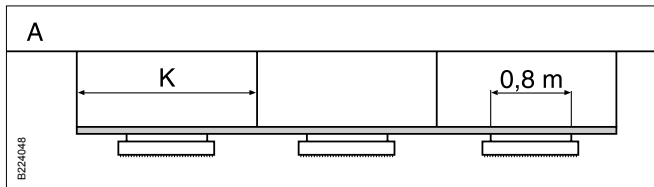
W70-40 Cable tray with bottom perforation. System height 22 mm, length 2995 mm. The ovalhole pattern at the base of the tray can be used for mounting of lighting fixtures.

W70-70 - W70-200 Cable tray with bottom perforation. System height 40 mm, length 3000 mm. Oval holes 9x5.8 mm on the lateral sides of the tray end can be used for fixation of joints. The oval hole pattern at the base of the tray can be used for mounting of lighting fixtures. On every 500 mm a 45° turned oval hole is placed to easily guide fast connectors into the tray.



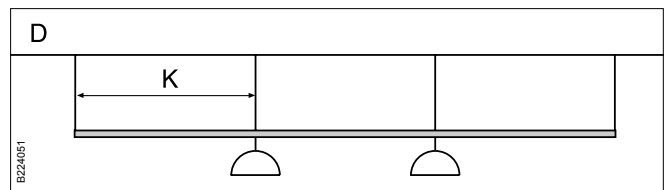
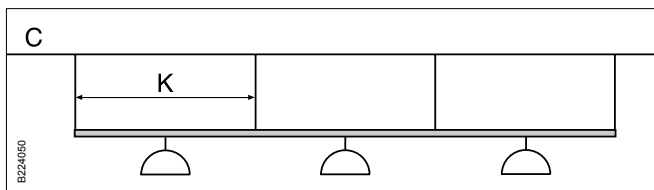
Type	A mm	B mm	C mm	D mm	L mm
Lighting trunking W70-40	40	22	10.5	6	2995
Lighting trunking W70-70	70	40	8.5	5	3000
Lighting trunking W70-100	100	40	8.5	5	3000
Lighting trunking W70-200	200	40	8.5	5	3000

Load capacity



Downward deflection refers to outer compartment

Downward deflection refers to middle compartment

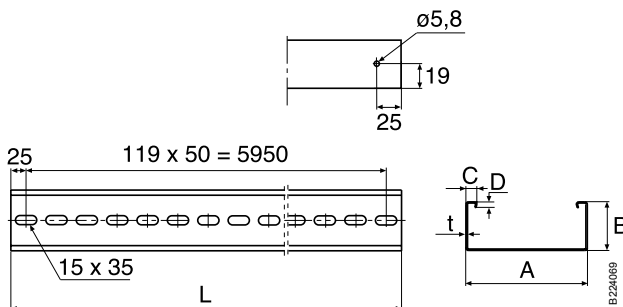
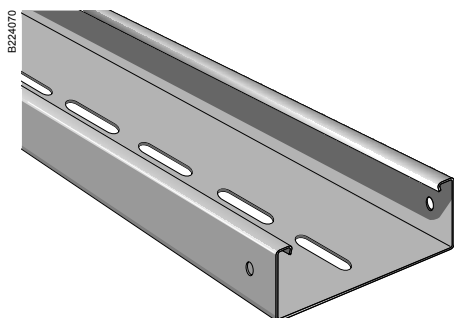


K=Bracket distance

	Installation method K = 1.5 m				Installation method K = 3 m suspended in joints			
	Load kg		Deflection mm		Load kg		Deflection mm	
	W70/70-200	W70-40	W70/70-200	W70-40	W70/70-200	W70-40	W70/70-200	W70-40
A	25	20	1.5	2	25	10	15	15
	50	40	3.5	4.5	50	20	30	31
B	30	20	1	2.5	30	10	7	4
	60	40	2.5	5	60	20	14	8
C	20	20	2	3	20	10	13	19
	40	40	4	6.5	40	20	26	38
D	Breaking load for Support bracket/joint W7/40-70 = 120 kg							

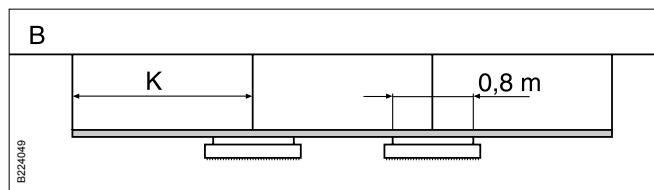
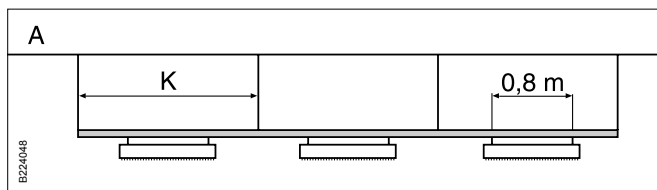
Lighting trunking W71

Cable tray with bottom perforation. System height 40 mm, length 6000 mm. Provided with holes $\varnothing 5.8$ mm at the tray end to be used for fixation of joints. Oval hole pattern in the bottom segment of the tray can be used for mounting of lighting fixtures.



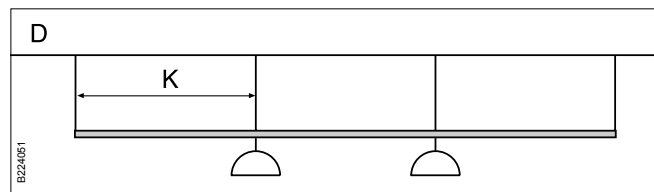
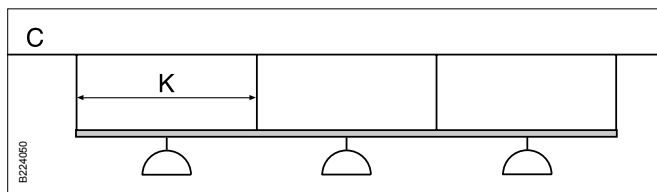
Type	A mm	B mm	C mm	D mm	L mm
Lighting trunking W71-70	70	40	8.5	6	6000
Lighting trunking W71-100	100	40	8.5	6	6000

Load capacity



Downward deflection refers to outer compartment

Downward deflection refers to middle compartment

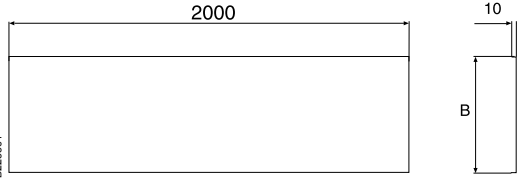
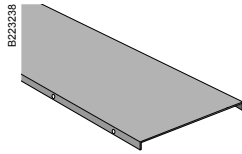


K=Bracket distance

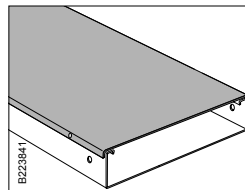
	Installation method K = 1.5 m		Installation method K = 3 m suspended in joints	
	Load kg W71/70-100	Deflection mm W71/70-100	Load kg W71/70-100	Deflection mm W71/70-100
A	25	1.5	25	15
	50	3.5	50	30
B	30	1	30	7
	60	2.5	60	14
C	20	2	20	13
	40	4	40	26
D	Breaking load for Support bracket/joint W71/40-70 = 120 kg			

Cover W5

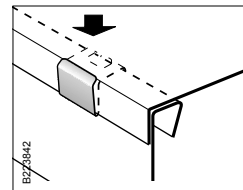
Cover to be used to protect the cables inside the cable tray against damages, dust, liquids, UV-influence, etc.



Type	B mm
Cover W5 - 70	71
Cover W5 - 100	101
Cover W5 - 150	151
Cover W5 - 200	201
Cover W5 - 300	301
Cover W5 - 400	401
Cover W5 - 500	501
Cover W5 - 600	601



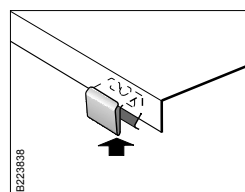
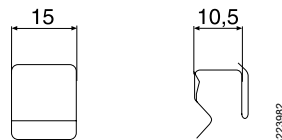
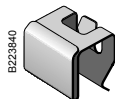
Used for screening of control cables and in dusty and dirty premises.



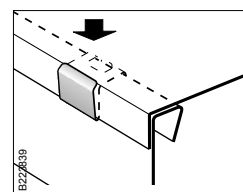
Covers must be mounted on cable trays with Cover clamp W62.

Cover clamp W62

Used for fixing covers on Trays W1 and W3 as well as on Lighting trunking W70/W71.



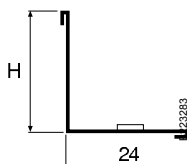
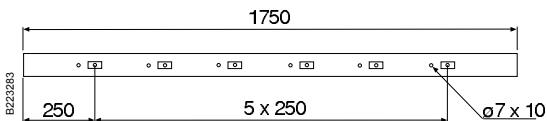
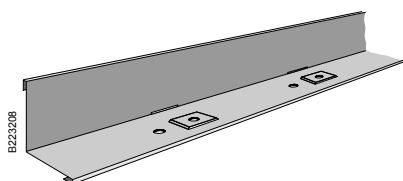
Cover clamp W62 is used for fixing the covers on Cable tray W1 and W3 as well as on Lighting trunking W70/W71.



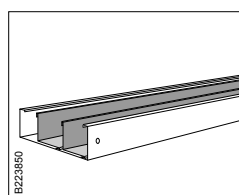
Start by pressing the Cover clamp W62 over the sides of the cover. Then snap the cover over the folded edges of the tray. 6 Cover clamps W62 are needed per cover.

Dividing strip 39

Dividing strip to be used to separate low-tension and high-tension cables.



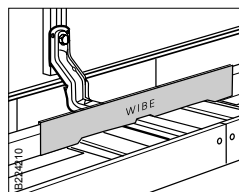
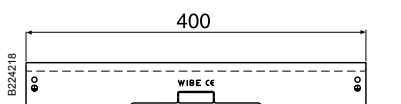
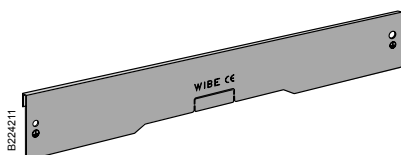
Type	H mm
Dividing strip 39/24	24
Dividing strip 39/55	55



Used to separate tray or trunking in two or more ducts thereby separating control cables from other cables and pipes. The hole structure at distances of 250 mm permits two fixing opportunities with Support bands W6 even after cutting.

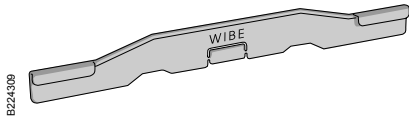
Insert piece W39/55

Insert piece to be used to join Dividing strips 39/55 in Cable trays W1/60 or W3/60. The insert piece can be positioned on Support bracket/joint W7/60 to ensure a continuous separation of cables inside the cable tray.

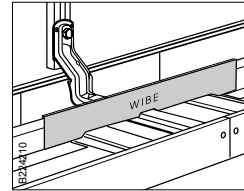
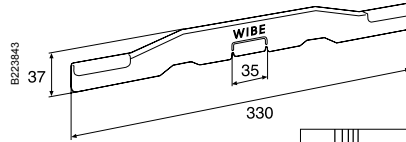


Insert piece W39/55 is used to join Dividing strips 39/55 and is mounted on Support bracket/joint W7/60.

Insert piece W39

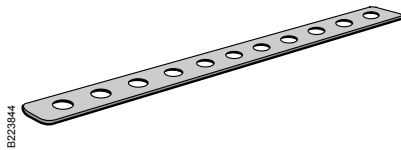


Insert piece to be used to join Dividing strips 39/24 in cable tray W1/W3 and lighting trunking W70/71. The Insert piece can be positioned on Support bracket/joint W7/40 to ensure a continuous separation of cables inside the cable tray.

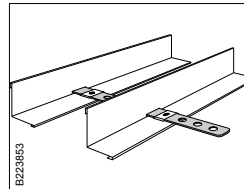
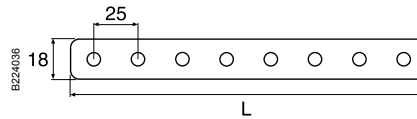


Insert piece W39 is used to join Dividing strips W39 and is mounted on Support bracket/joint W7 or Internal cantilever arm W17/40. When mounting over Internal cantilever arm W17/40, break away plastic bit from component.

Support band W6

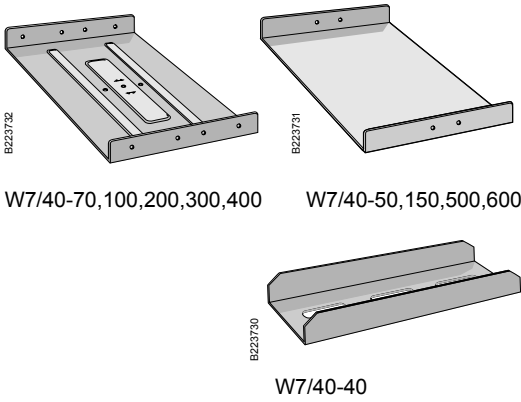


Support band to be placed inside cable trays to fix the lateral position of one or several Dividing strips W39. The holes in the support band and the locking pins in Dividing strip W39 enable an adjustment of the lateral positioning of the dividing strip with an interval of 25 mm.



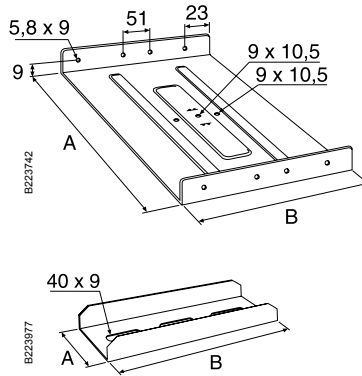
Support band W6 is mounted to fix one or more Dividing strips 39 laterally. The holes in the support band and the locking pins in Dividing strip 39 allow for a fixed division with intervals of 25 mm.

Type	L mm
Support band W6-70	67
Support band W6-100	97
Support band W6-200	197
Support band W6-300	297
Support band W6-400	397
Support band W6-500	497
Support band W6-600	597

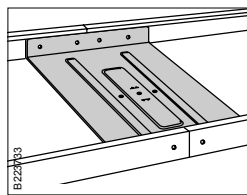


Support bracket/joint W7/40

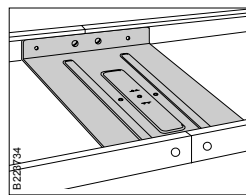
To be used as a support bracket or joint for cable tray W1/40, W3/40 and for lighting trunking W70/W71. When joining cable tray W1/40 FS (reinforced), side joint W49/40 must be used.



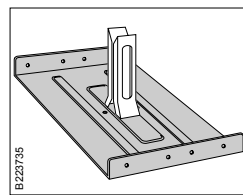
Type	A mm	B mm
Support bracket/joint W7/40-40	36	180
Support bracket/joint W7/40-50	48	200
Support bracket/joint W7/40-70	68	200
Support bracket/joint W7/40-100	98	200
Support bracket/joint W7/40-150	148	200
Support bracket/joint W7/40-200	198	200
Support bracket/joint W7/40-300	297	300
Support bracket/joint W7/40-400	397	300
Support bracket/joint W7/40-500	498	300
Support bracket/joint W7/40-600	598	300



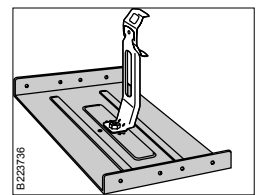
Support bracket/joint W7/40 is used for straight joining. Push-in mounting. See also Joint W7/40 Hdg, p.XXX, used for joining of Hot dip galvanized trays.



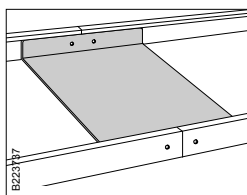
If necessary trays and lighting trunkings are locked using Screw set W38P or Locking plug W41. The Joint W7/40-40 is locked with Screw set W36/W36C at the bottom of the trunking.



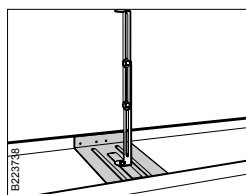
With Pendant attachment W21 installed on Support bracket/joint W7/40-100, 200, 300 or 400 a complete support bracket is obtained.



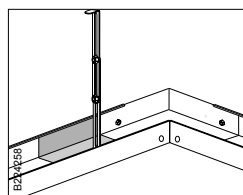
Tube pendant attachment W73 or the one half of Pendant attachment W21 are mounted on Support bracket/joint W7/40-70, 100, 200, 300 or 400 with Screw set W36/W36C.



W7/40-50, 150, 500 and 600 are only used for joining, not as support brackets. Reinforced tray is to be joined with Side joint W49/40.



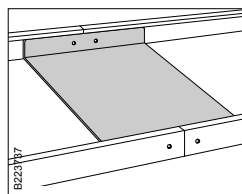
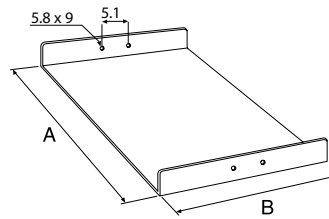
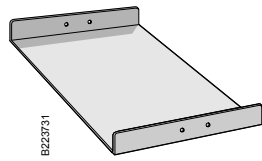
End bracket WN17 can be used as vertical piece on Support bracket/joint W7/40, mounted with Screw set W36/W36C.



Support bracket/joint W7/40 is used to achieve an invisible suspension in or in connection with bends or junctions, here with End bracket WN17 mounted as vertical piece.

Joint W7/40 HDG

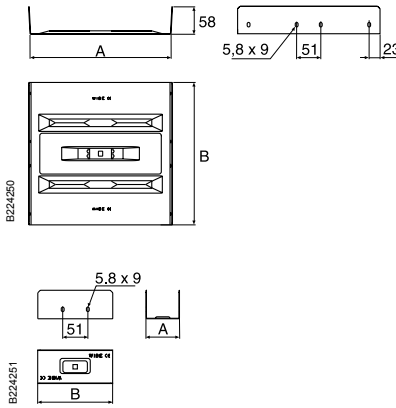
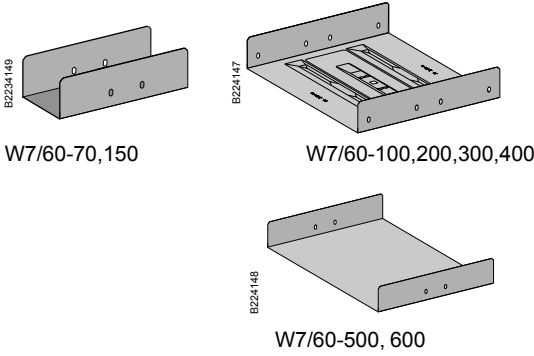
Used as a joint for Hot dip galvanized Cable trays W3/40 and Lighting trunkings W70.



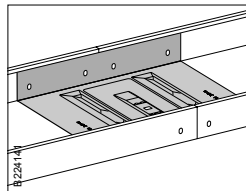
Joint W7/40 Hdg is only used for joining, not as support bracket. If necessary trays are locked using Screw set W38P or Locking plug W41

Support bracket/joint W7/60

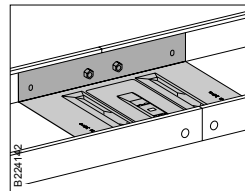
To be used as a support bracket or joint for cable tray W1/60, W3/60. When joining cable tray W1/60 FS (reinforced), side joint W49/60 must be used.



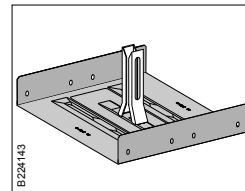
Type	A mm	B mm
Support bracket/joint W7/60-70	68	152
Support bracket/joint W7/60-100	98	200
Support bracket/joint W7/60-150	148	200
Support bracket/joint W7/60-200	198	200
Support bracket/joint W7/60-300	297	300
Support bracket/joint W7/60-400	397	300
Joint W7/60-500	498	300
Joint W7/60-600	598	300



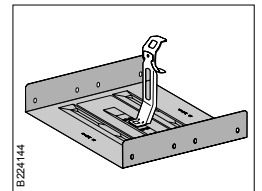
Support bracket/joint W7/60 is used for straight joining. Push-in mounting.



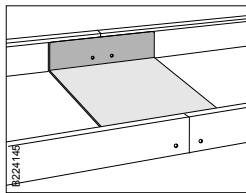
If necessary trays are locked using Screw set W38P or Locking plug W41.



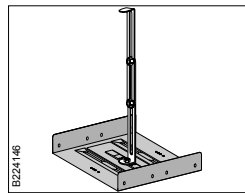
With Pendant attachment W21 installed, a complete support bracket is obtained. Does not apply to W7/60-70, 150, 500 and 600.



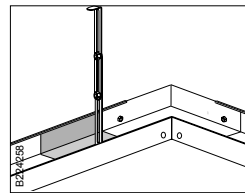
Tube pendant attachment W73 or one half of Pendant attachment W21 are mounted with Screw set W36/W36C. Does not apply to W7/60-500 and 600.



W7/60-500 och 600 are only used for joining, not as support brackets. Reinforced tray is to be joined with Side joint W49/60.



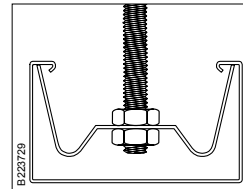
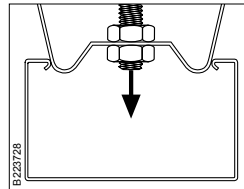
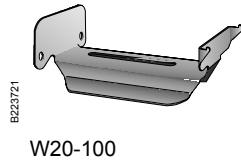
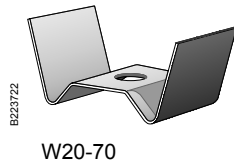
End bracket WN17 can be used as vertical piece on Support bracket/joint W7/60 mounted with Screw set W36/W36C.



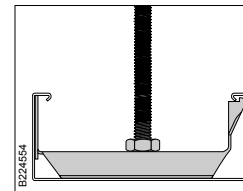
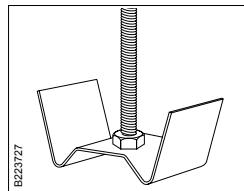
Support bracket/joint W7/60 is used to achieve an invisible suspension in or in connection with bends or junctions, here with End bracket WN17 mounted as vertical piece.

Support bracket W20

Support bracket to be used for invisible installation of lighting trunking W70/71, width 70 and 100 mm. The support bracket is snapped firmly into the trunking. Two nuts M10 are included. Suitable for threaded rod W76 M10.



Lightly press down Support bracket W20-70 into Lighting trunking W70/W71-70.

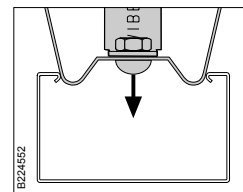
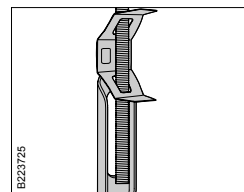
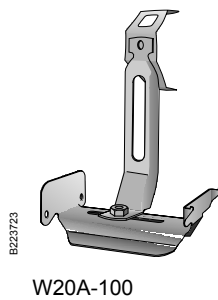
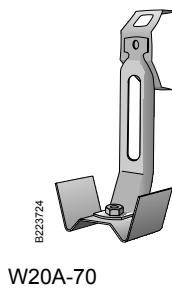


Mount Support bracket W20-70 onto Threaded rod W76 M10 with 2 M10 nuts.

Support bracket W20-100 is mounted onto Threaded rod W76 M10 with 2 M10 nuts.

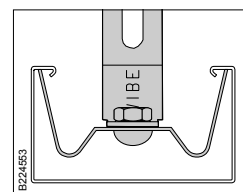
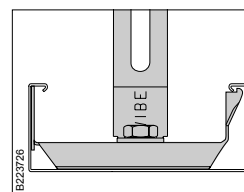
Support bracket W20A

Support bracket to be used for invisible installation of lighting trunking W70/71, width 70 and 100 mm. The support bracket is snapped firmly into the trunking. The spring locking device facilitates easy vertical height adjustment. Suitable for threaded rod W76 M10.



Support brackets W20A-70 and W20A-100 are mounted on Threaded rod W76 M10. This enables simple vertical adjustment of ± 30 mm.

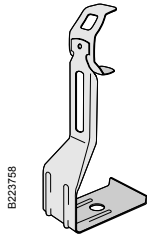
Lightly press down Support bracket W20A-70 into Lighting trunking W70/W71-70.



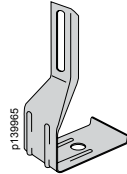
Support bracket W20A-100 is easily snapped firmly into Lighting trunking W70/W71-100.

Pendant bracket W80/W81

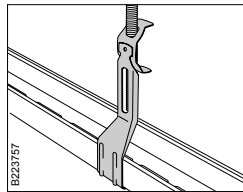
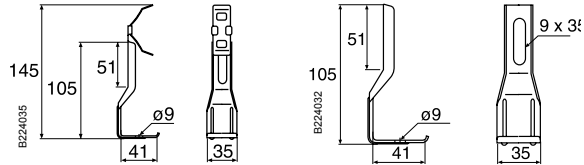
Pendant bracket to be used to support lighting trunking W70-40. W80 pendant bracket facilitates easy vertical height adjustment on threaded rod. W81 needs to be suspended with Pendant rail W32.



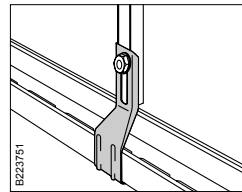
W80



W81



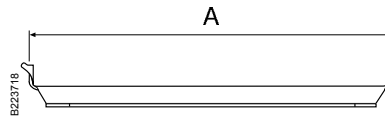
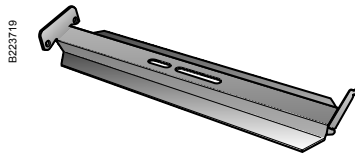
Pendant bracket W80 mounted under Lighting trunking W70-40 and attached with Screw set W36/W36C. Threaded rod W76 M10 is easily mounted in the spring clasp without bolts. Adjustable to ± 30 mm.



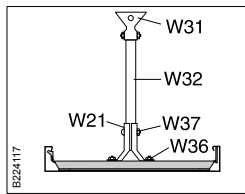
Pendant bracket W81 is mounted under Lighting trunking W70-40 and is attached with Screw set W36/W36C. Pendant rail W32 is mounted using Screw set W37. Adjustable to ± 18 mm.

Support bracket W1940

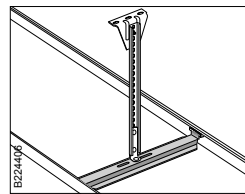
Support bracket to be used for invisible installation of cable trays W1/40 and W3/40.



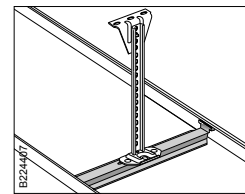
Type	A mm
Support bracket W1940-100	90
Support bracket W1940-200	190
Support bracket W1940-300	289
Support bracket W1940-400	389
Support bracket W1940-500	489
Support bracket W1940-600	589



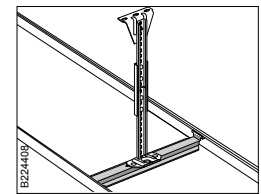
Tray W1/40 and W3/40, widths 200 to 400, are mounted with suitable Support bracket W1940, Pendant rail W32, Pendant attachment W21. Screw sets W37 and W36/W36C. Trays with width 100 can be mounted with Support bracket W1940-100, one half of Pendant attachment W21 or Tube pendant attachment W73 and Screw set W36/W36C.



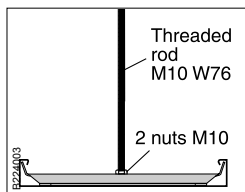
Support bracket W1940 mounted with Ceiling bracket 5, Pendant/Fixing rail 24/34 and Angle bracket W8S. Screw set 22S must be used. For cable tray widths 500 and 600.



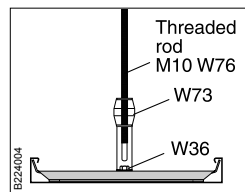
Support bracket W1940 mounted on Vertical piece 2 and Ceiling bracket 5. Screw set 22S must be used. For cable tray widths 500 och 600.



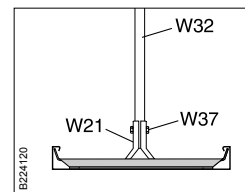
Support bracket W1940 can be mounted with Vertical piece 2, Pendant joint 2J, Pendant/Fixing rail 24/34 and Ceiling bracket 5. Screw set 22S must be used. For cable tray widths 500 and 600.



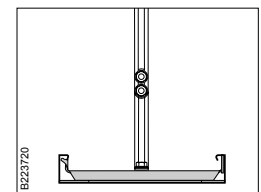
Alternatively, Tray W1/40 and W3/40 with widths 500 and 600 can be installed with suitable Support bracket W1940, Threaded rod W76 M10 and 2 M10 nuts.



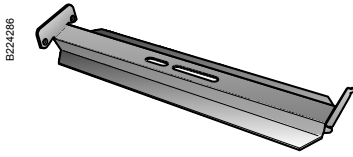
Alternatively, Tray W1/40 and W3/40 with widths 500 and 600 can be installed with suitable Support bracket W1940, Threaded rod W76 M10 and Tube pendant attachment W73.



Alternatively, Tray W1/40 and W3/40 with widths 500 and 600 can be installed with suitable Support bracket W1940, Pendant rail W32, Pendant attachment W21 and Screw set W37.

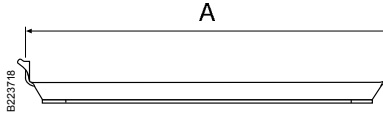


Tray W1/40 and W3/40 can be mounted on suitable Support bracket W1940 and 2 End bracket WN17 as pendant. The end brackets are joined with 2 Screw sets 22S and can be adjusted in height. The pendant can be mounted in the support bracket with Screw set W36/W36C.

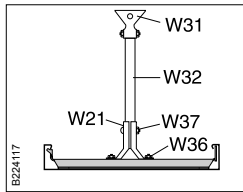


Support bracket W1960

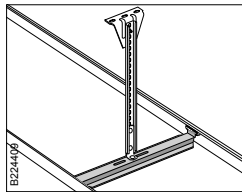
Support bracket to be used for invisible installation of cable trays W1/60 and W3/60.



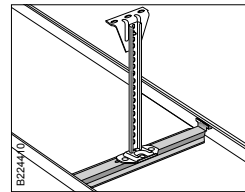
Type	A mm
Support bracket W1960-100	89
Support bracket W1960-200	189
Support bracket W1960-300	289
Support bracket W1960-400	389
Support bracket W1960-500	489
Support bracket W1960-600	589



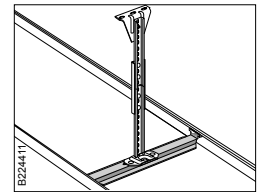
Tray W1/60 and W3/60, widths 200 to 400, are mounted with suitable Support bracket W1960 and Pendant rail W32, Pendant attachment W21 and Screw set W37. Trays with width 100 can be mounted with Support bracket W1960-100, one half of Pendant attachment W21 or Tube pendant attachment W73 and Screw set W36/W36C.



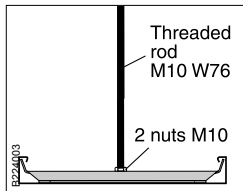
Support bracket W1960 mounted with Ceiling bracket 5, Pendant/Fixing rail 24/34 and Angle bracket W8S. Screw set 22S must be used. For cable tray widths 500 and 600.



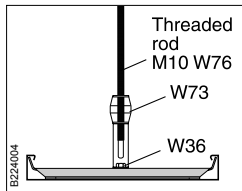
Support bracket W1960 mounted on Vertical piece 2 and Ceiling bracket 5. Screw set 22S must be used. For cable tray widths 500 och 600.



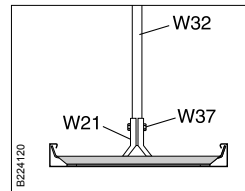
Support bracket W1960 can be mounted with Vertical piece 2, Pendant joint 2J, Pendant/Fixing rail 24/34 and Ceiling bracket 5. Screw set 22S must be used. For cable tray widths 500 and 600.



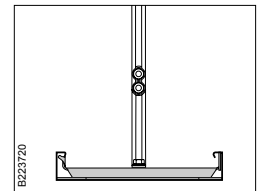
Alternatively, Tray W1/60 and W3/60, widths 500 and 600, can be installed with suitable Support bracket W1960, Threaded rod W76 M10 and 2 M10 nuts.



Alternatively, Tray W1/60 and W3/60, widths 500 and 600, can be installed with suitable Support bracket W1960, Threaded rod W76 M10 and Tube pendant attachment W73.



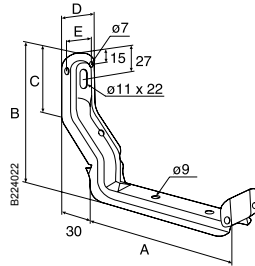
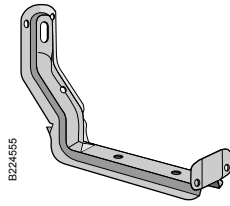
Alternatively, Tray W1/60 and W3/60, widths 500 and 600, can be installed with suitable Support bracket W1960, Pendant rail W32, Pendant attachment W21 and Screw set W37.



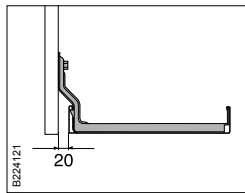
Tray W1/60 and W3/60 can be mounted on suitable Support bracket W1960 with 2 End brackets WN17 used as pendant. The end brackets are joined with 2 Screw sets 22S and can be adjusted in height. The pendant can be mounted in the support bracket with 1 Screw set W36.

Internal cantilever arm W17

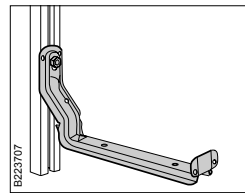
Internal cantilever arm to be used for invisible mounting inside cable tray W1/40 and W3/40.



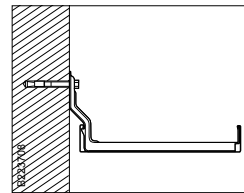
Type	A mm	B mm	C mm	D mm	E mm
W17/40-100	89	140	70	55	42
W17/40-200	189	140	70	55	42
W17/40-300	289	165	95	75	55
W17/40-400	389	165	95	75	55



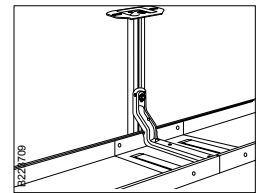
Internal cantilever arm W17/40 is mounted on Vertical piece 2F using a T-bolt.



When mounting an Internal cantilever arm W17/40 on a porous wall or when surface pressure must be reduced use Mounting rail 40.

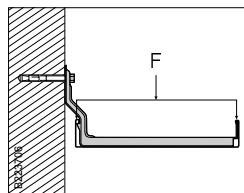


The Internal cantilever arm is mounted onto the wall with an Expansion bolt alt. a Concrete screw.



Internal cantilever arm W17/40 can be mounted right over support bracket/joint.

Loading table for Internal cantilever arm W17/40 on wall

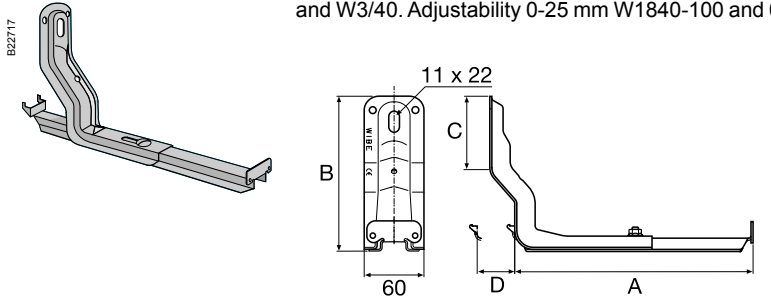


Mounted onto wall with Expansion bolt. Breaking load for cantilever arm mounted onto wall, see below.

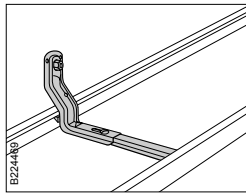
Cantilever arm type	Max load F at 3° deflection of cantilever arm		Deflection in mm vid 3° deflection of cantilever arm mm	Breaking load	
	kN	kg		kN	kg
W17/40-100	1.0	100	5.2	3.0	300
W17/40-200	0.8	80	10.5	2.0	200
W17/40-300	1.1	110	15.7	3.0	300
W17/40-400	1.0	100	20.9	2.0	200

Adjustable cantilever arm W1840

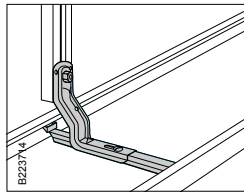
Adjustable cantilever arm to be used for invisible mounting inside cable trays W1/40 and W3/40. Adjustability 0-25 mm W1840-100 and 0-50 mm W1840-200 to 600.



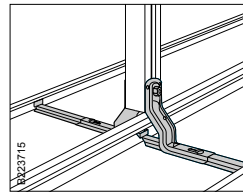
Type	A mm	B mm	C mm	D mm
W1840-100	88	160	70	0-25
W1840-200	188	160	70	0-50
W1840-300	289	185	95	0-50
W1840-400	389	185	95	0-50
W1840-500	489	185	95	0-50
W1840-600	589	185	95	0-50



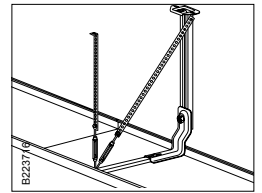
Mounting directly onto wall. At this type of installation the adjusting allowance of the tray is limited. Breaking load - see table above.



Mounting on Vertical piece 2F using T-bolt. The Cantilever arm W1840 can be adjusted to a max. of 50 mm.

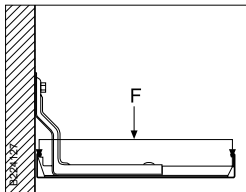


Mounting of two adjustable cantilever arms on the same Vertical piece 2F. (Tray widths more than 400 mm). Use Screw set 20S if the two trays have the same width. At different tray widths T-bolt 26F and Screw set W37 must be used.



When mounting cable trays, widths 500-600 mm, it might be necessary with a reinforcement of the cantilever arm. Installation band and stretching screw can be used for mounting in ceiling or on a vertical piece.

Loading table for cantilever arm W1840 on wall

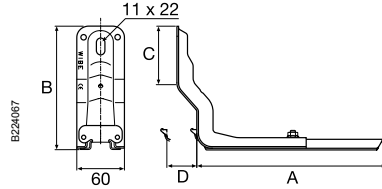
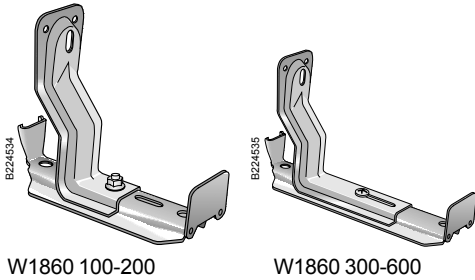


Mounted onto wall with Expansion bolt. Breaking load for cantilever arm mounted onto wall.

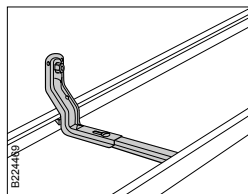
type	Max load F at 3° deflection of cantilever arm		Deflection at 3° deflection of cantilever arm mm	Breaking load	
	kN	kg		kN	kg
W1840-100	1.0	100	5.2	3.0	300
W1840-200	0.8	80	10.5	2.0	200
W1840-300	1.1	110	15.7	3.0	300
W1840-400	1.0	100	20.9	2.0	200
W1840-500	0.65	65	26	1.3	130
W1840-600	0.5	50	31.5	1.0	100

Adjustable cantilever arm W1860

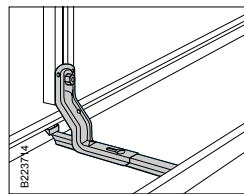
Adjustable cantilever arm to be used for invisible mounting inside cable trays W1/60 and W3/60. Adjustability 0-25 mm W1860-100 and 0-50 mm W1860-200 to 60.



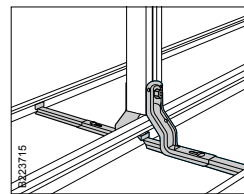
Type	A mm	B mm	C mm	D mm
W1860-100	89	160	70	0-25
W1860-200	189	160	70	0-50
W1860-300	289	185	95	0-50
W1860-400	389	185	95	0-50
W1860-500	489	185	95	0-50
W1860-600	589	185	95	0-50



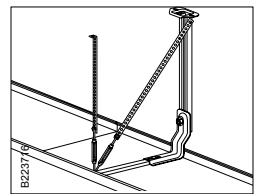
Mounting directly onto wall. At this type of installation the adjusting allowance of the tray is limited. Breaking load - see table below.



Mounting on Vertical piece 2F using T-bolt. The Cantilever arm W1860 can be adjusted to a max. of 50 mm.

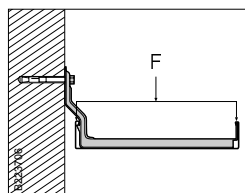


Mounting of two adjustable cantilever arms on the same Vertical piece 2F. (For trays wider than 400 mm). Use Screw set 20S if the two trays have the same width. At different tray widths T-bolt 26F and Screw set W37 must be used.



When mounting cable trays, widths 500-600 mm, it might be necessary with a reinforcement of the cantilever arm. Installation band and stretching screw can be used for mounting in ceiling or on a vertical piece.

Loading table for cantilever arm on wall

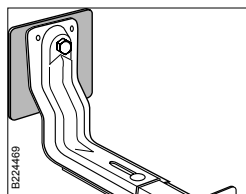
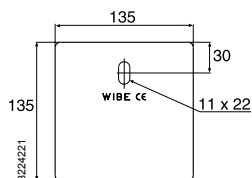
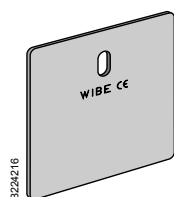


Mounted onto wall with Expansion bolt. Breaking load for cantilever arm mounted onto wall.

Cantilever arm type	Max load F at 3° deflection of cantilever arm		Deflection in mm at 3° deflection of cantilever arm	Breaking load	
	kN	kg		kN	kg
W1860-100	1.0	100	5.2	3.0	300
W1860-200	0.8	80	10.5	2.0	200
W1860-300	1.1	110	15.7	3.0	300
W1860-400	1.0	100	20.9	2.0	200
W1860-500	0.65	65	26.0	1.3	130
W1860-600	0.5	50	31.5	1.0	100

Back plate W30

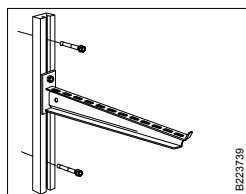
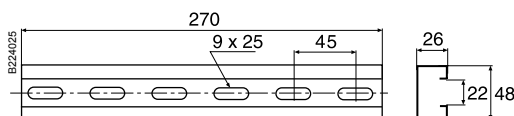
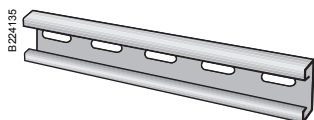
Back plate to be used for wall installation of internal cantilever arms on porous walls, to reduce the surface pressure.



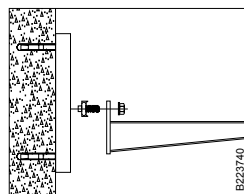
Mount Back plate W30 as shown in the illustration to reduce the surface stress on porous walls.

Mounting rail 40

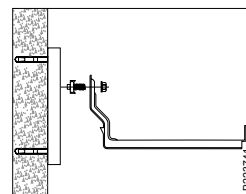
Mounting rail to be used for wall installation of cantilever arms on porous walls to reduce the surface pressure or to enable height adjustment of cantilever arms.



The mounting rail is installed between a cantilever arm and wall to reduce surface pressure on porous walls or to enable vertical adjustment of cantilever arms.



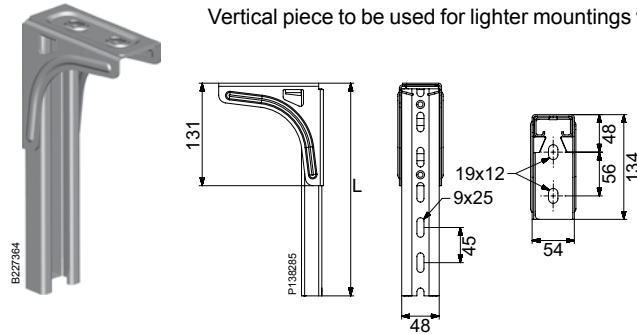
Cantilever arm 50 is installed using a T-bolt. The cantilever arm is vertically adjustable.



Internal cantilever arm W17 and Adjustable cantilever arm W1840 are mounted with T-bolt. The cantilever arm is vertically adjustable.

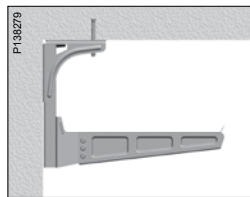
Vertical piece 2Fi

Vertical piece to be used for lighter mountings with Cantilever arm 50i.

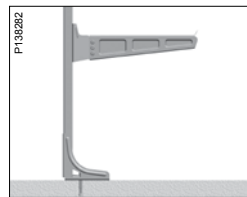


Type	L mm
Vertical piece 2Fi-300	272
Vertical piece 2Fi-500	497
Vertical piece 2Fi-750	722
Vertical piece 2Fi-1000	992

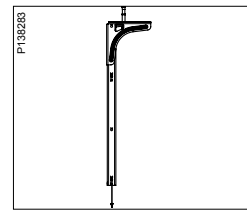
Loadings



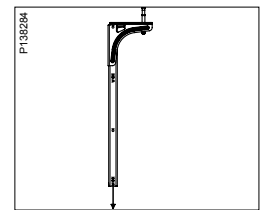
Vertical piece 2Fi can be mounted in ceiling close to wall.



Vertical piece 2Fi is suitable for floor mounting.



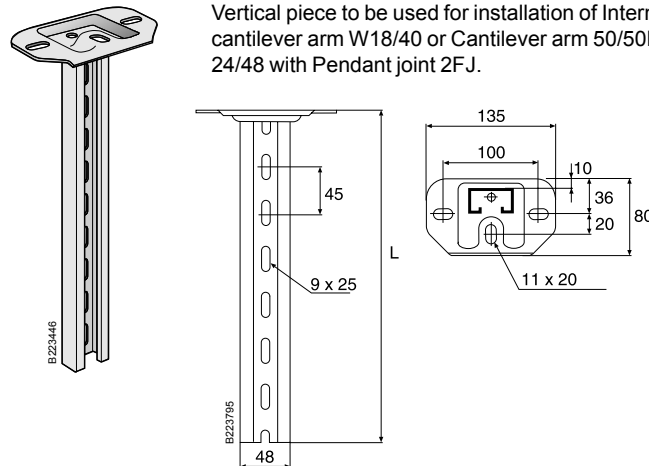
Vertical piece 2Fi mounted in the inner hole. Breaking load=500 kg (5 kN) at symmetrical loading.



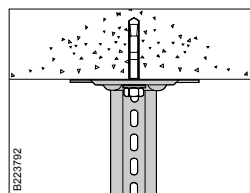
Vertical piece 2Fi mounted in the outer hole. Breaking load=100 kg (1 kN) at symmetrical loading.

Vertical piece 2F

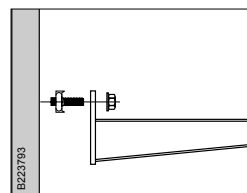
Vertical piece to be used for installation of Internal cantilever arm W17/40, Adjustable cantilever arm W18/40 or Cantilever arm 50/50L. Can be joined to Pendant/fixing rail 24/48 with Pendant joint 2FJ.



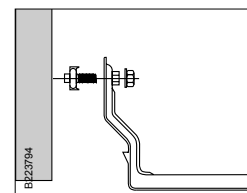
Type	L mm
Vertical piece 2F/280	280
Vertical piece 2F/370	370
Vertical piece 2F/505	505
Vertical piece 2F/640	640
Vertical piece 2F/730	730
Vertical piece 2F/865	865
Vertical piece 2F/1000	1000
Vertical piece 2F/1500	1495



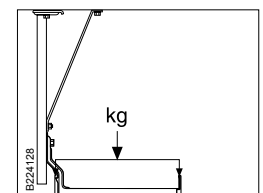
Mounted in ceiling with Expansion bolt alt. Concrete screw.



Cantilever arm 50 is mounted with a T-bolt 26F.



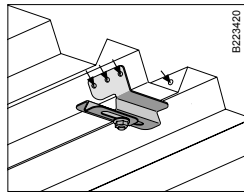
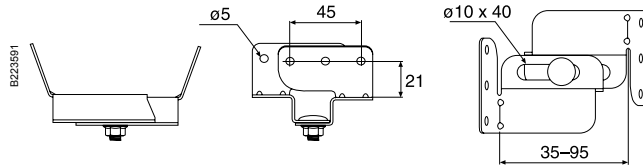
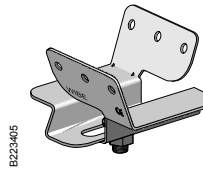
Internal cantilever arm W17/40 is mounted with a T-bolt 26F.



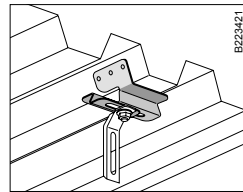
In order to reduce the deflection of Vertical piece 2F for heavy loads on Internal cantilever arm W17/40 and Adjustable cantilever arm W1840/W1860, Pendant bar 1 is installed.

Ceiling bracket 5TPA

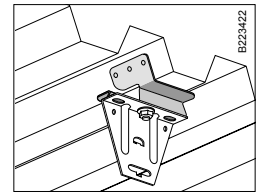
Ceiling bracket with telescopic function, to be used for mounting of various sizes of trapezoid plates. Including screw MVBF 8x16 and nut M6MF8. Breaking load: 150 kg without deformation.



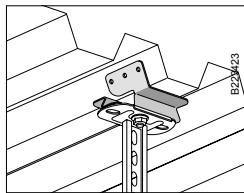
Ceiling bracket 5TPA can be mounted in trapezoid plate with blind rivets or suitable screws. The bracket is adjustable from 35 to 95 mm.



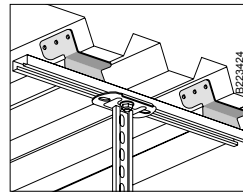
Pendant attachment W21 or Tube pendant attachment W73 (Wibe Cable Tray) can be mounted in Ceiling bracket 5TPA with the existing screw.



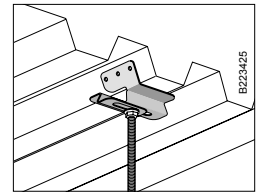
Ceiling bracket 5 or Ceiling attachment W31 can be mounted with the existing screw.



Vertical piece 2 or 2F can be mounted with the existing screw.

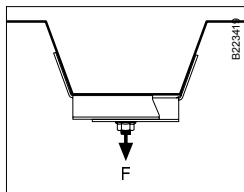


Install Mounting rail 40 between 2 Ceiling brackets 5TPA if the vertical piece must be adjusted sideways.



Pendant W76 M8 or M10 installed in Ceiling bracket 5TPA.

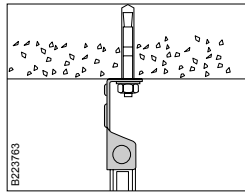
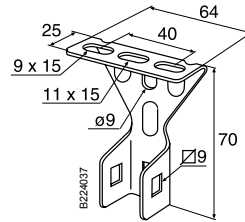
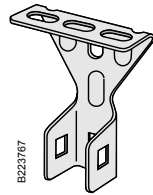
Breaking load



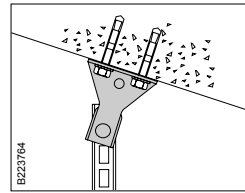
Ceiling bracket 5TPA can be loaded with $F=150$ kg without deformation. For loading figures for thin plate or fixing elements, follow suppliers recommendations.

Ceiling attachment W31

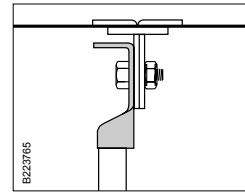
Ceiling attachment to be used for installations with Pendant rail W32.



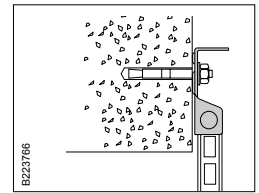
The Ceiling attachment W31 is mounted in concrete ceilings with one or two Expansion bolts. Pendant rail W32 is mounted with Screw set W37. Can be rotated 90°.



The Ceiling attachment W31 can be mounted directly in a slanted ceiling with Expansion bolts.



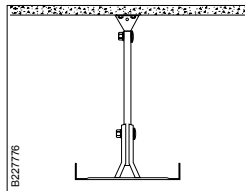
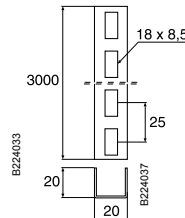
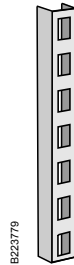
The Ceiling attachment W31 can be mounted directly in TP ceilings using an Ogebe fixing type E.



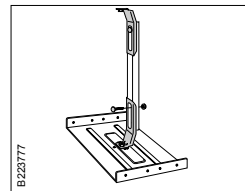
The Ceiling attachment W31 can be mounted onto a concrete beam with Expansion bolts.

Pendant rail W32

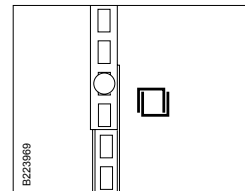
Pendant rail W32 can be installed in ceilings together with Ceiling attachment W31 or Ogebe fixing type E.



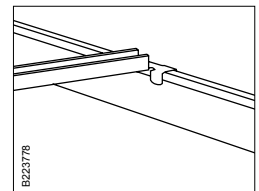
The Pendant rail W32 is cut to the required length and mounted in the ceiling with Ceiling attachment W31 and Pendant attachment W21 mounted onto Support bracket/joint W7.



For lighter installations with small loads, one half of Pendant attachment W21 is mounted in Support bracket W7 with Screw set W36/ W36C. The second part is used as a ceiling bracket, Pendant rail W32 is mounted using Screw set W37.



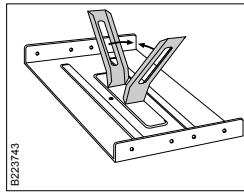
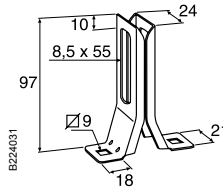
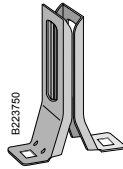
2 Pendant rails W32 can be joined by placing them over-lapping each other, see above. Use Screw set W37 for assembling.



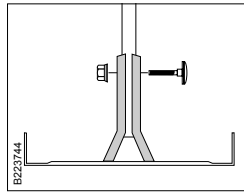
Using Locking clamp W77, the Pendant rail W32 can be mounted between two lighting trunkings or cable trays, either as a stabiliser or to form a simple duct.

Pendant attachment W21

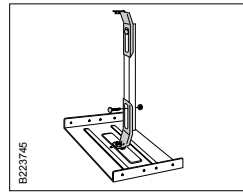
Pendant attachment to be used in combination with pendant rail W32, support bracket/joint W7, etc.



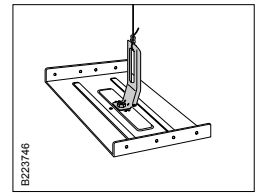
The Pendant attachment W21 is inserted into the slits in the Support bracket/joint W7 (100-400). Does not apply to W7-50, 150, 500 and 600.



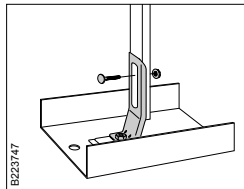
The required length of Pendant rail W32 is mounted in the Pendant attachment W21 with Screw set W37. Adjustable to ± 30 mm.



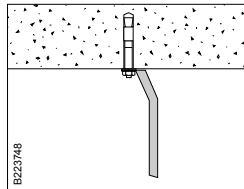
For lighter installations with small loads, only one half of the Pendant attachment W21 is mounted in Support bracket W7 with Screw set W36/W36C. The second part of the Pendant attachment W21 is used as a ceiling bracket. The Pendant rail W32 is mounted using Screw set W37.



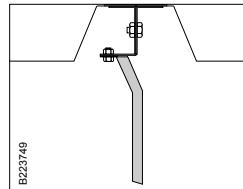
When mounting with wire, only one half of the Pendant attachment W21 is mounted in Support bracket/joint W7 using Screw set W36/W36C. The wire is mounted through the oval hole and locked with a wire lock.



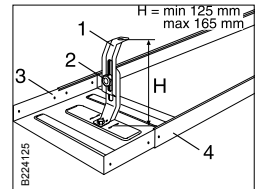
When mounting tray or Lighting trunking W70/W71, one half of the Pendant attachment W21 is mounted directly in Support bracket/joint W7 with Screw set W36/W36C. The pendant rail is mounted with Screw set W37.



In concrete ceilings Pendant attachment W21 is mounted with Expansion bolt.

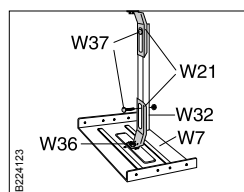
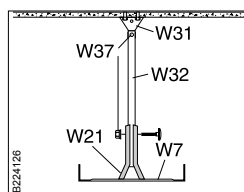


In metal plate ceilings Pendant attachment W21 is mounted with Ogebe fixing type ED. Use Screw set W36/W36C.



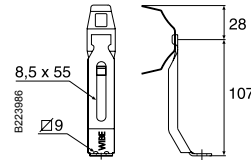
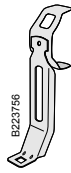
1. Pendant attachment W21
2. Screw set W36/W36C
3. Support bracket/joint W7
4. Cable tray/Lighting trunking

Ceiling installation with cable tray/lighting trunking

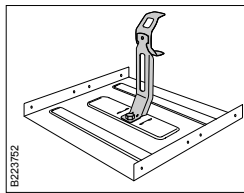


- W7 = Support bracket/joint
- W21 = Pendant attachment
- W31 = Ceiling attachment
- W32 = Pendant rail
- W36 = Screw set
- W37 = Screw set

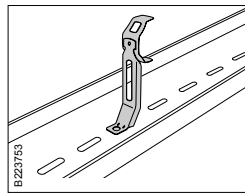
Pendant attachment W73



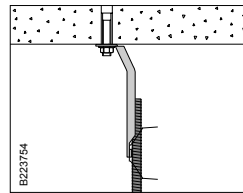
Tube pendant attachment to be used for mounting of threaded rod W76 M6, M8 or M10 in ceiling and cable tray. Provides a quick and screw-less height adjustment of the threaded rod.



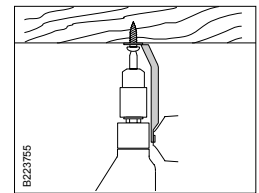
The Tube pendant attachment W73 is mounted in Support bracket/joint W7 with Screw set W36/W36C. Does not apply to W7-500 and 600.



The Tube pendant attachment can be mounted directly in the lighting trunking using Screw set W36/W36C. Does not apply to Lighting trunking W70-40.



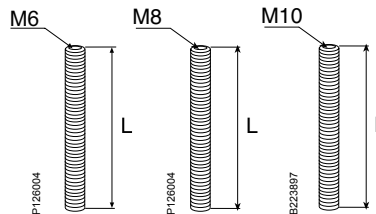
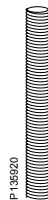
Threaded rod M6, M8 or M10 is easily mounted in the spring clasp without screws. Simple adjustment up to ± 30 mm. Mounted in concrete ceilings with Expansion bolt.



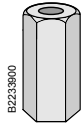
Mounted in wood with self-drilling screws.

Threaded rod B41 and W76 M6, M8, M10

Used for installation of cable trays and lighting trunkings.

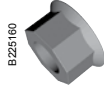


Type and Surface treatment	L= 1000mm	L= 2000mm	L= 3000mm
	M6 EZ	W76	W76
M8 EZ	W76	-	-
M10 EZ	-	W76	W76
M8 HDG	W76	W76	-
M8 AISI 316L	B41	B41	-
M10 AISI 316L	B41	B41	-



Joint nut M6, M8, M10

Used for joining of Threaded rods.



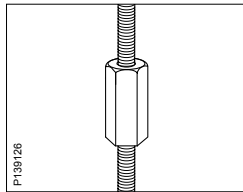
Flange nut M6, M8, M10

Flange nut is mounted onto Threaded rods in order to lock support brackets and ceiling brackets.

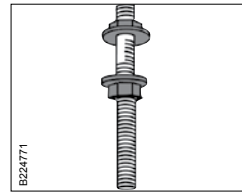


Thread lock M6, M8, M10

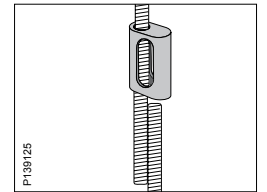
Used for joining of Threaded rod.



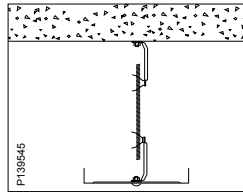
Joint nut is used for joining of Threaded rods.



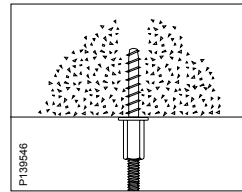
Flange nuts are mounted onto the Threaded rod in order to lock support brackets and ceiling brackets.



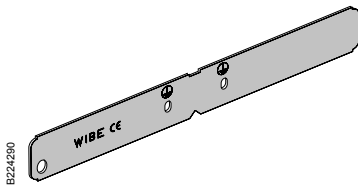
Thread lock is used for joining of Threaded rods. Max. permitted load=80kg



The Threaded rod is cut to required length and mounted with 2 Tube pendant attachments W73.

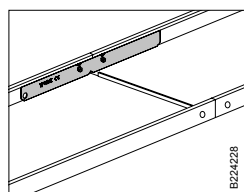
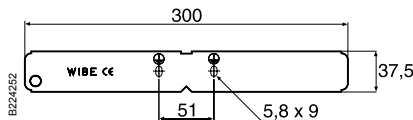


Installation of Threaded rod with Concrete screw MMS-I.

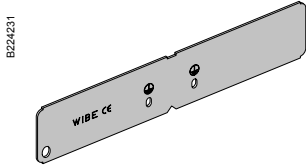


Side joint W49/40

Side joint to be used for straight joining of cable tray W1/40 and W3/40.

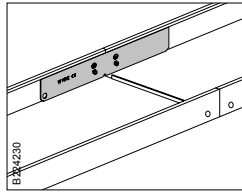
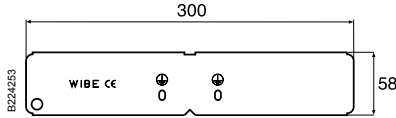


2 Side joints W49/40 are used for straight joining of Cable tray W1/40, W1/40 FS and W3/40. 4 Screw sets W38P are required (not included). For trays 300 mm and wider we recommend to use Support bracket/joint W7/40.

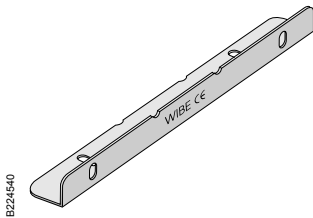


Side joint W49/60

Side joint to be used for straight joining of cable tray W1/60 and W3/60.

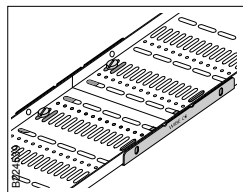
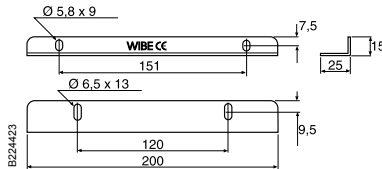


2 Side joints W49/60 are used for straight joining of Cable trays W1/60, W1/60 FS and W3/60. 4 Screw sets W38P are required (not included). For trays 300 mm and wider we recommend to use Support bracket/joint W7/60.



Joint W2

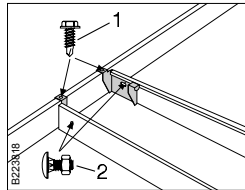
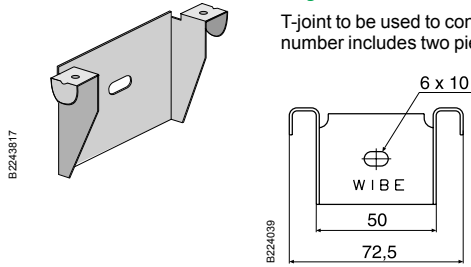
Side joint to be used for straight joining of installation tray W4.



Used for joining Installation tray W4. To be mounted on the outside of the tray and attached in bottom with 2 Screw sets W34 (pre-galvanized, stainless steel and pre-galvanized powder coated trays). For hot dip galvanized and hot dip galvanized powder coated trays Screw set W38P must be used.

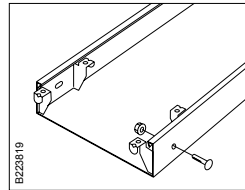
T-joint W9/40

T-joint to be used to construct T-sections or X-sections. Also used for oblique branches. The ref. number includes two pieces of T-joints and Screw set W38P.

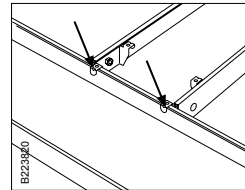


Potential balancing
In order to fulfil the potential balancing according to SS-EN 61537 the T-joint must be secured with

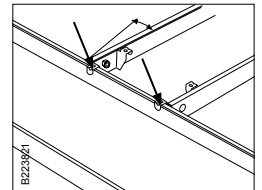
- 1 Self-drilling screw RXB 4.2 x13
- 2 Screw set W38P, drilling is required. Tightening torque 2 Nm.



T-joint W9/40 is mounted on the side edges of the tray with Screw set W38P.



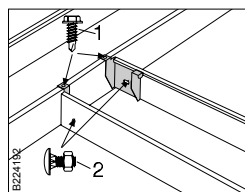
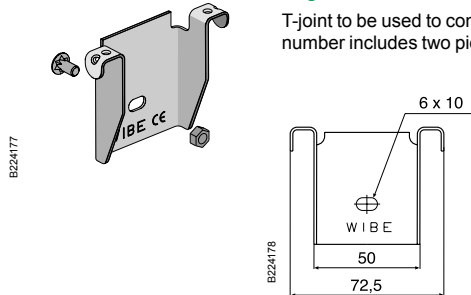
Straight angling. If necessary, the lugs are locked to the edge of the tray using pliers. Can also be locked with blind rivets or selftapping screws.



Oblique angling. If necessary, the lugs are locked to the edge of the tray using pliers. Can also be locked with blind rivets or selftapping screws.

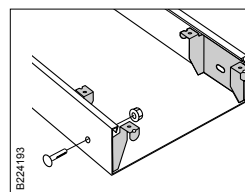
T-joint W9/60

T-joint to be used to construct T-sections or X-sections. Also used for oblique branches. The ref. number includes two pieces of T-joints and Screw set W38P.

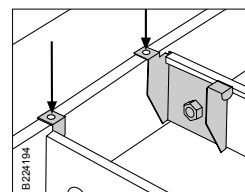


Potential balancing
In order to fulfil the potential balancing according to SS-EN 61537 the T-joint must be secured with

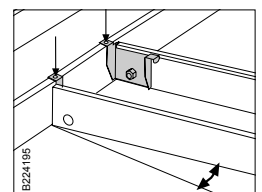
- 1 Self-drilling screw RXB 4.2 x13
- 2 Screw set W38P, drilling is required. Tightening torque 2 Nm.



T-joint W9/60 is mounted on the side edges of the tray with Screw set W38P.



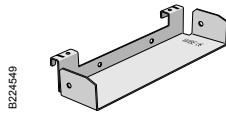
Straight branches. If necessary, the lugs are locked to the edge of the tray using pliers. Can also be locked with blind rivets or selftapping screws.



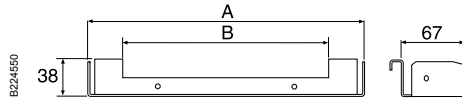
Oblique branches. If necessary, the lugs are locked to the edge of the tray using pliers. Can also be locked with blind rivets or selftapping screws.

T-joint W29/40

T-joint to be used to construct T-junctions or X-junctions. Easy push-in assembly. Locks into the tray via locking flap. To be suspended over the lateral side of the tray and locked in a suitable way.

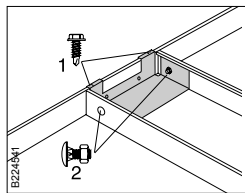


B224549



B224550

Type	A mm	B mm
T-joint W29/40-70	68	-
T-joint W29/40-100	98	-
T-joint W29/40-200	198	120
T-joint W29/40-300	301	220
T-joint W29/40-400	401	320
T-joint W29/40-500	501	420
T-joint W29/40-600	601	520



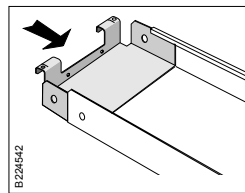
B224541

Potential balancing

In order to fulfil the potential balancing according to SS-EN 61537 the T-joint must be secured with

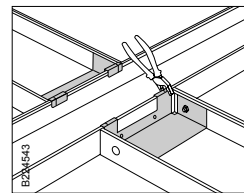
- 1 Self-drilling screw RXB 4 x 13
- 2 Screw set W38P

Tightening torque 2 Nm.



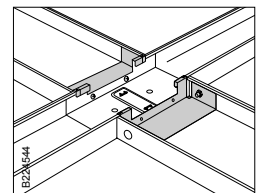
B224542

Simply installed with push-in mounting. Lock into tray with Screw set W38P.



B224543

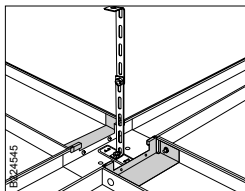
Used with T- and X-junction. Mounted directly onto tray edge. Can be attached to tray by pinching the lip at the top of the tray.



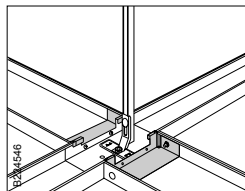
B224544

Used with open junction together with Joint W7/40 with opening and Tray W1/40 with opening. Attached with Screw set W38P.

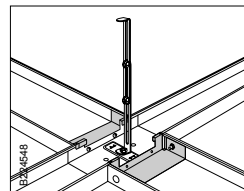
Examples of suspensions with open junction where T-joint W29/40, Tray W1/40 with opening and Joint W7/40 with opening are included.



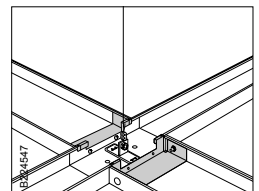
Suspension with Pendant strip W33.



Suspension with Pendant rail W32 and half a Pendant attachment W21.



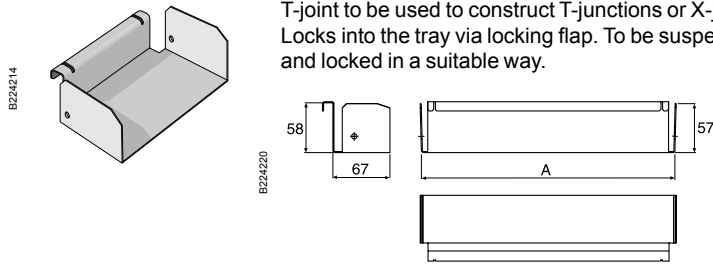
Suspension with End bracket WN17.



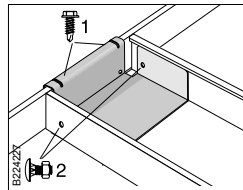
Suspension with wire and Ogebe fixing type E.

T-joint W29/60

T-joint to be used to construct T-junctions or X-junctions. Easy push-in assembly. Locks into the tray via locking flap. To be suspended over the lateral side of the tray and locked in a suitable way.



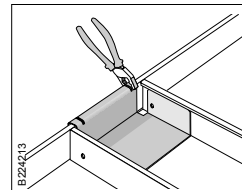
Type	A mm
T-joint W29/60-70	68
T-joint W29/60-100	98
T-joint W29/60-200	198
T-joint W29/60-300	298
T-joint W29/60-400	398
T-joint W29/60-500	498
T-joint W29/60-600	598



Potential balancing

In order to fulfil the potential balancing according to SS-EN 61537 the T-joint must be secured with

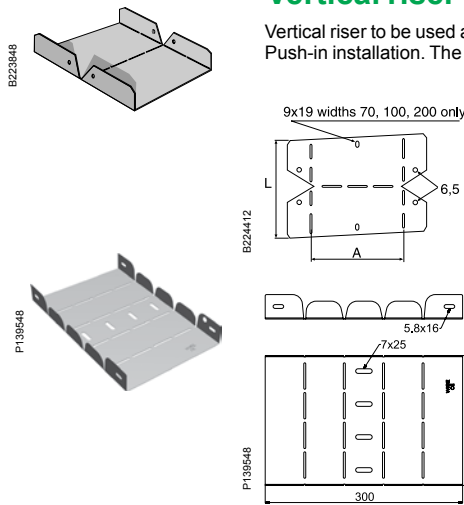
- 1 Self-drilling screw RXB 4.2 x 13
- 2 Screw set W38P
Tightening torque 2 Nm.



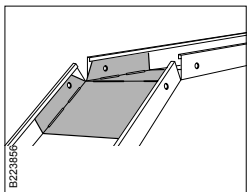
Used with T- and X-junction. Mounted directly onto tray edge. Can be attached to tray by pinching the lip at the top of the tray.

Vertical riser W11/40, W11F/40

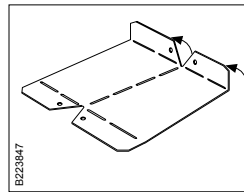
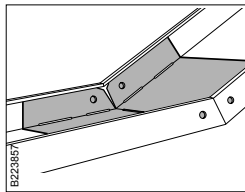
Vertical riser to be used as internal or external riser. Can be bent to the desired angle up to 90°. Push-in installation. The riser is delivered flat.



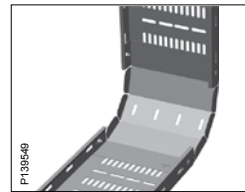
Type	A mm	L mm
Vertical riser W11/40-50	48	150
Vertical riser W11/40-70	68	150
Vertical riser W11/40-100	98	150
Vertical riser W11/40-150	148	150
Vertical riser W11/40-200	198	200
Vertical riser W11/40-300	298	200
Vertical riser W11/40-400	398	200
Vertical riser W11/40-500	498	200
Vertical riser W11/40-600	598	200
Vertical riser W11F/40-50	48	-
Vertical riser W11F/40-70	68	-
Vertical riser W11F/40-100	98	-
Vertical riser W11F/40-150	148	-
Vertical riser W11F/40-200	198	-
Vertical riser W11F/40-300	298	-
Vertical riser W11F/40-400	398	-
Vertical riser W11F/40-500	498	-
Vertical riser W11F/40-600	598	-



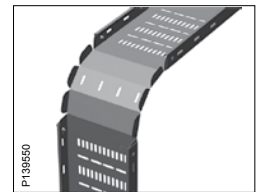
For upward or downward angling to a desired angle up to 90°. Should be locked with Screw set W38P or Locking plug W41.



Vertical riser W11/40 is delivered flat and must be bent by the installer on the job site.

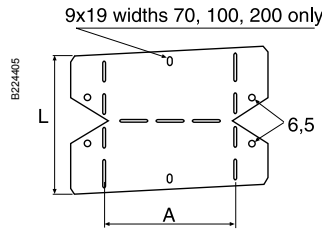
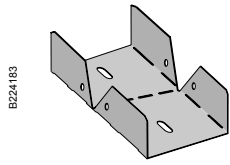


Vertical riser W11F/40 is delivered flat, must be bent to the desired angle by the installer, used for vertical 90° angling. Screw set W38P is used for mounting.

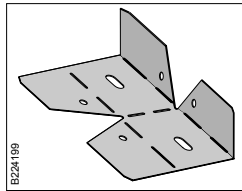


Vertical riser W11/60

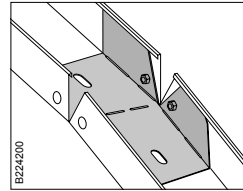
Vertical riser to be used as internal or external riser. Can be bent to the desired angle up to 90°. Push-in installation. The riser is delivered flat.



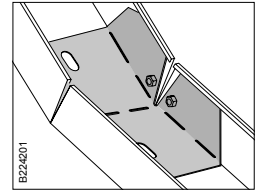
Type	A mm	L mm
Vertical riser W11/60-70	67	150
Vertical riser W11/60-100	97	150
Vertical riser W11/60-150	147	150
Vertical riser W11/60-200	197	200
Vertical riser W11/60-300	297	200
Vertical riser W11/60-400	397	200
Vertical riser W11/60-500	497	200
Vertical riser W11/60-600	597	200



Vertical riser W11/60 is delivered flat and must be bent by the installer on the job site.



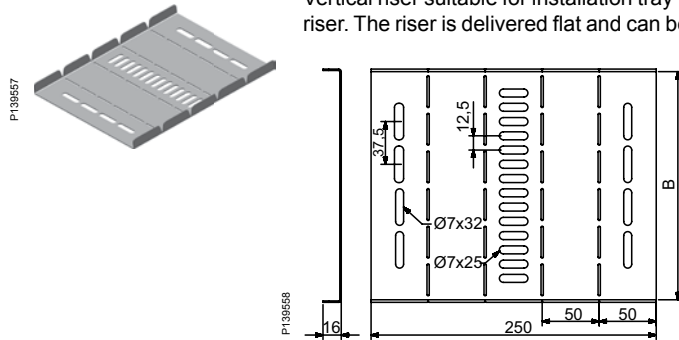
For upward or downward branching at a desired angle up to 90°. Push-in installation.



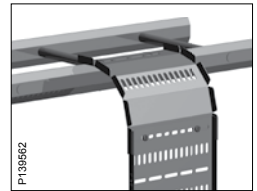
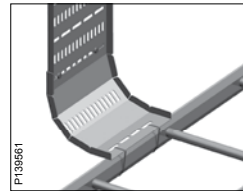
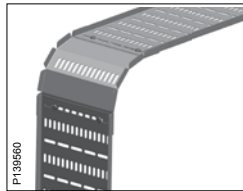
Should be attached with Screw set W38P or Locking plug W41.

Vertical riser W4, interior

Vertical riser suitable for installation tray W4. To be used as internal or external riser. The riser is delivered flat and can be bent to the desired angle up to 90°.



Type	B mm
Vertical riser W4-50	52
Vertical riser W4-75	77
Vertical riser W4-100	102
Vertical riser W4-150	152
Vertical riser W4-200	202
Vertical riser W4-250	252
Vertical riser W4-300	302
Vertical riser W4-400	402

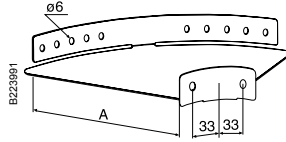
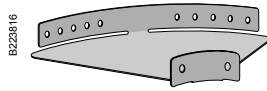


Vertical riser W4 is delivered flat, must be bent to the desired angle by the installer, used for vertical 90° angling. Mounted outside of trays W4. Attached in bottom with Screw set W34 (pre-galvanized, stainless steel and pre-galvanized powder coated trays). For hot dip galvanized trays Screw set W38P must be used.

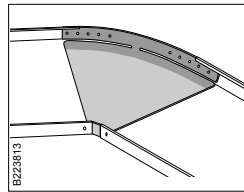
When used for vertical 90° angling from cable ladder the vertical riser is attached to the cable ladder with strips.

Adjustable bend W10S/40

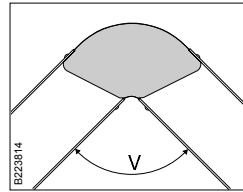
Adjustable bend to be used for horizontal angling from 105° to 165° in steps of 7.5°. Push-in installation.



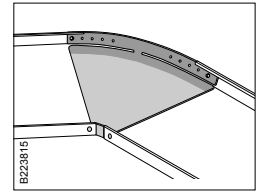
Type	A mm
Adjustable bend W10/40-50	47
Adjustable bend W10/40-70	67
Adjustable bend W10/40-100	97
Adjustable bend W10/40-150	147
Adjustable bend W10/40-200	197
Adjustable bend W10/40-300	297
Adjustable bend W10/40-400	397
Adjustable bend W10/40-500	497
Adjustable bend W10/40-600	597



Push-in installation. Turn up inner and outer sides and mount the Adjustable bend W10/40 inside the tray.



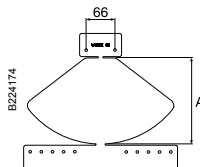
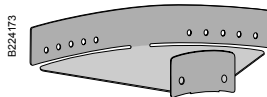
Adjustable bend W10/40 permits desired horizontal angling between 105° and 165° in stages of 7.5°.



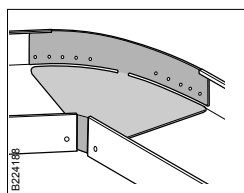
If necessary, Adjustable bend W10/40 may be locked using Screw set W38P or Locking plug W41.

Adjustable bend W10S/60

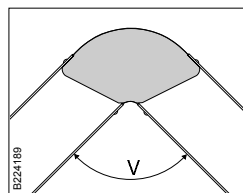
Adjustable bend to be used for horizontal angling from 105° to 165° in steps of 7.5°. Push-in installation.



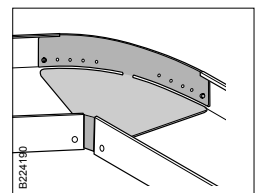
Type	A mm
Adjustable bend W10/60-70	67
Adjustable bend W10/60-100	97
Adjustable bend W10/60-150	147
Adjustable bend W10/60-200	197
Adjustable bend W10/60-300	297
Adjustable bend W10/60-400	397
Adjustable bend W10/60-500	497
Adjustable bend W10/60-600	597



Push-in installation. Turn up inner and outer sides and mount the Adjustable bend W10/60 inside the tray.



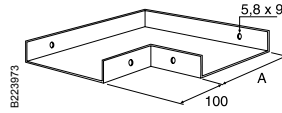
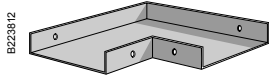
Adjustable bend W10/60 permits desired horizontal angling between 105° and 165° in stages of 7.5°.



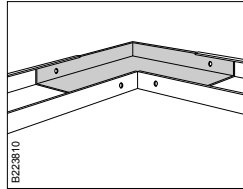
If necessary, Adjustable bend W10/60 may be locked using Screw set W38P or Locking plug W41.

90° bend W10/40

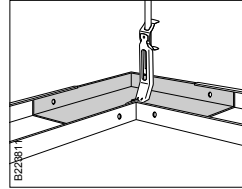
Horizontal 90° bend to be used for cable trays W1/40 and W3/40. Push-in assembly.



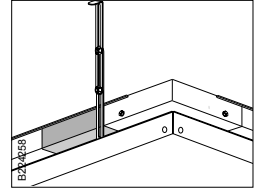
Type	A mm
90° bend W10/40-70	67
90° bend W10/40-100	97
90° bend W10/40-200	197
90° bend W10/40-300	297
90° bend W10/40-400	397
90° bend W10/40-500	497
90° bend W10/40-600	597



Used for 90° horizontal angling. Suspension components should be mounted in or in connection with the junction. Push-in installation.



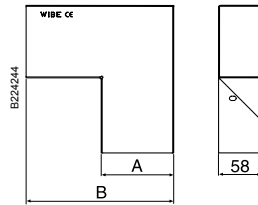
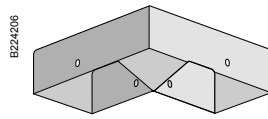
If necessary, the 90° bend W10/40 can be locked using Screw set W38P or Locking plug W41. Can be provided with holes in bottom for suspension in Pendant attachment W21 alternatively W73. Valid for max. width 200 mm.



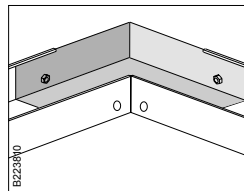
Support bracket/joint W7/40, with a suitable pendant, is used to achieve an invisible suspension, here with End bracket WN17 mounted as vertical piece.

90° bend W10/60

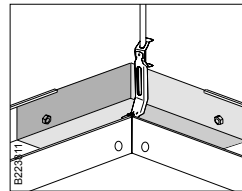
Horizontal 90° bend to be used for cable trays W1/60 and W3/60. Push-in assembly.



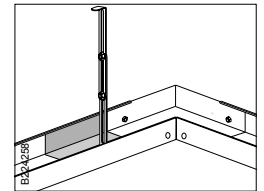
Type	A mm	B mm
90° bend W10/60-70	67	167
90° bend W10/60-100	97	197
90° bend W10/60-150	147	247
90° bend W10/60-200	197	297
90° bend W10/60-300	297	397
90° bend W10/60-400	397	497
90° bend W10/60-500	497	597
90° bend W10/60-600	597	697
90° bend W10/60-500 FS	497	597
90° bend W10/60-600 FS	597	697



Used for 90° horizontal angling. Suspension components should be mounted in or in connection with the bend. Push-in installation.



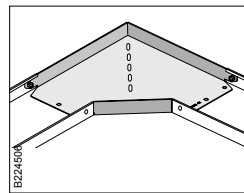
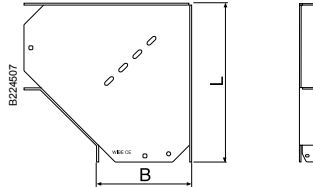
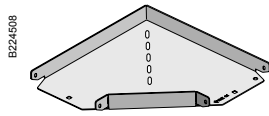
If necessary, the 90° bend W10/60 can be locked using Screw set W38P or Locking plug W41. Can be provided with holes in bottom for suspension in Pendant attachment W21 alternatively Tube pendant attachment W73. Valid for max. width 200 mm.



Support bracket/joint W7/60, with a suitable pendant, is used to achieve an invisible suspension, here with End bracket WN17 mounted as vertical piece.

90° bend W10F/40

Horizontal 90° bend to be used for cable trays W3/40. Push-in assembly.

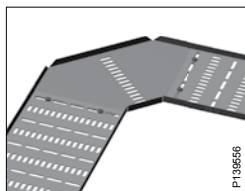
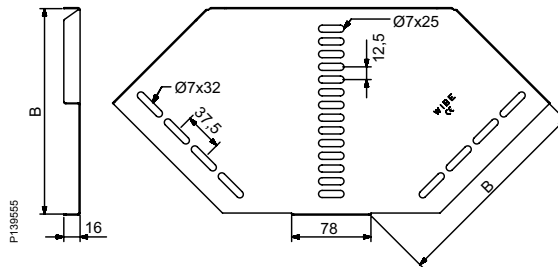
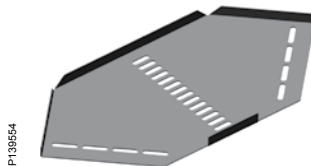


Used for 90° horizontal angling. Suspension components should be mounted in or in connection with the junction. Push-in installation.

Type	B mm	L m
90° bend W10F/40-50	47	119
90° bend W10F/40-70	67	153
90° bend W10F/40-100	97	204
90° bend W10F/40-150	147	290
90° bend W10F/40-200	197	375
90° bend W10F/40-300	297	480
90° bend W10F/40-400	397	580
90° bend W10F/40-500	497	714
90° bend W10F/40-600	597	814

90° bend W4

90° bend to be used for cable tray W4. To be mounted on the outside of the tray and attached in the bottom segment with screw set W34.

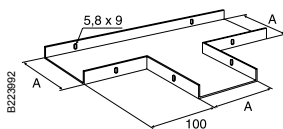
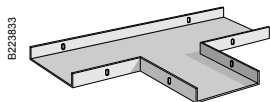


Used for horizontal 90° angling. Mounted outside of W4 trays. Attached in bottom with Screw set W34 (pre-galvanized, stainless steel and pre-galvanized powder coated trays). For hot dip galvanized trays Screw set W38P must be used.

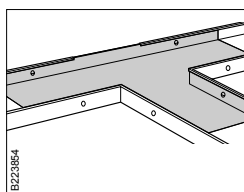
Type	B mm
90° bend W4-50	52
90° bend W4-75	77
90° bend W4-100	102
90° bend W4-150	152
90° bend W4-200	202
90° bend W4-250	252
90° bend W4-300	302
90° bend W4-400	402

T-junction W12/40

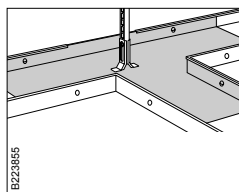
T-junction to be used for 90° horizontal junction of cable trays W1/40 and W3/40. Push-in assembly.



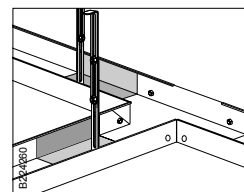
Type	A mm
T-junction W12/40-70	67
T-junction W12/40-100	97
T-junction W12/40-200	197
T-junction W12/40-300	297
T-junction W12/40-400	397
T-junction W12/40-500	497
T-junction W12/40-600	597



Used for horizontal 90° junction. Suspension components should be mounted in or in connection with the junction. Push-in installation.



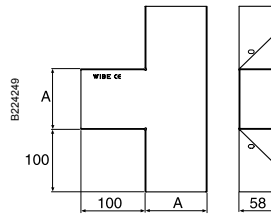
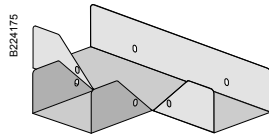
If necessary, the T-junction W12/40 can be locked using Screw set W38P or Locking plug W41. Can be provided with holes in bottom for suspension in Pendant attachment W21 or Tube pendant attachment W73. Valid for max. width 200 mm.



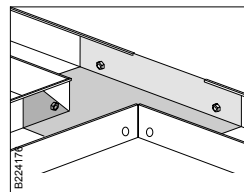
Support bracket/joint W7/40, with a suitable pendant, is used to achieve an invisible suspension, here with End bracket WN17 mounted as vertical piece.

T-junction W12/60

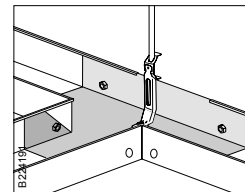
T-junction to be used for 90° horizontal junction of cable trays W1/60 and W3/60. Push-in assembly.



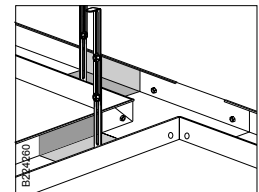
Type	A mm
T-junction W12/60-70	67
T-junction W12/60-100	97
T-junction W12/60-150	147
T-junction W12/60-200	197
T-junction W12/60-300	297
T-junction W12/60-400	397
T-junction W12/60-500	497
T-junction W12/60-600	597
T-junction W12/60-500 FS	497
T-junction W12/60-600 FS	597



Used for 90° horizontal junction. Suspension components should be mounted in or in connection with the junction. Push-in installation.



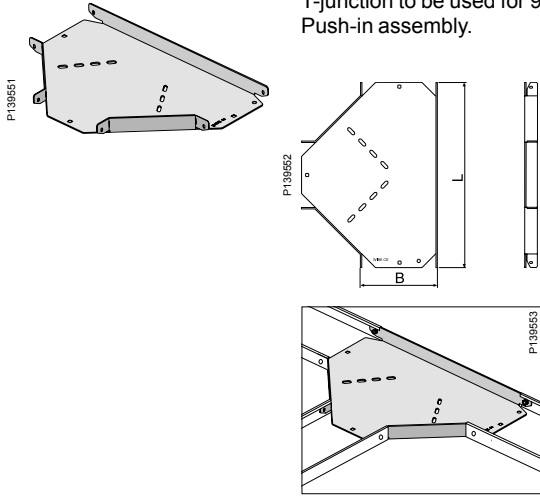
If necessary, the junction can be locked using Screw set W38P or Locking plug W41. Can be provided with holes in bottom for suspension in Pendant attachment W21 alternatively Tube pendant attachment W73. Valid for max. width 200 mm.



Support bracket/joint W7/60, with a suitable pendant, is used to achieve an invisible suspension, here with End bracket WN17 mounted as vertical piece.

T-junction W12F/40

T-junction to be used for 90° horizontal junction of cable trays W3/40. Push-in assembly.

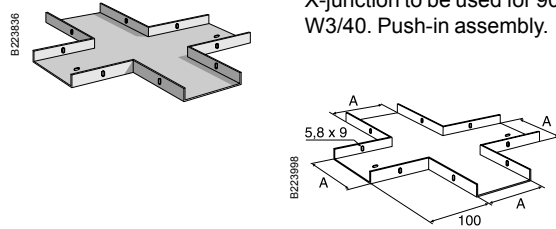


Type	B mm	L m
T-junction W12F/40-50	47	171
T-junction W12F/40-70	67	219
T-junction W12F/40-100	97	312
T-junction W12F/40-150	147	432
T-junction W12F/40-200	197	553
T-junction W12F/40-300	297	662
T-junction W12F/40-400	397	762
T-junction W12F/40-500	497	932
T-junction W12F/40-600	597	1032

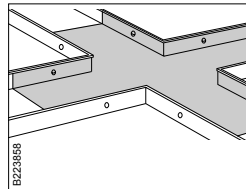
Used for horizontal 90° junction. Suspension components should be mounted in or in connection with the junction. Push-in installation.

X-junction W13/40

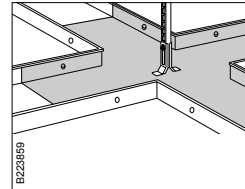
X-junction to be used for 90° horizontal junction of cable trays W1/40 and W3/40. Push-in assembly.



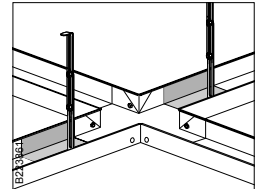
Type	A mm
X-junction W13/40-70	67
X-junction W13/40-100	97
X-junction W13/40-200	197
X-junction W13/40-300	297
X-junction W13/40-400	397
X-junction W13/40-500	497
X-junction W13/40-600	597



Used for horizontal 90° junction of four trays with the same width. Suspension components should be mounted in or in connection with the junction. Push-in installation.



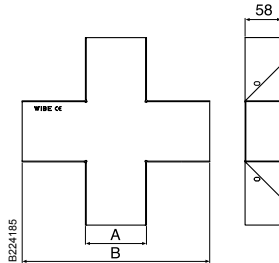
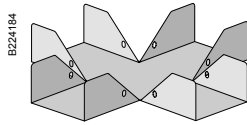
If necessary, the X-junction W13/40 can be locked using Screw set W38P or Locking plug W41. Can be provided with holes in bottom for suspension in Pendant attachment W21 or Tube pendant attachment W73. Valid for max. width 200 mm.



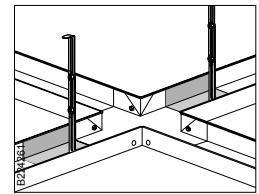
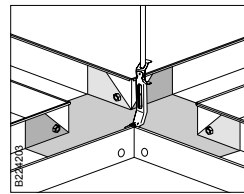
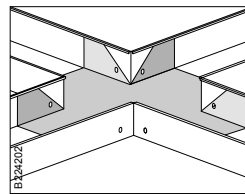
Support bracket/joint W7/40, with a suitable pendant, is used to achieve an invisible suspension, here with End bracket WN17 mounted as vertical piece.

X-junction W13/60

X-junction to be used for 90° horizontal junction of cable trays W1/60 and W3/60. Push-in assembly.



Type	A mm	B mm
X-junction W13/60-70	67	268
X-junction W13/60-100	97	298
X-junction W13/60-150	147	348
X-junction W13/60-200	197	398
X-junction W13/60-300	297	498
X-junction W13/60-400	397	598
X-junction W13/60-500	497	698
X-junction W13/60-600	597	798
X-junction W13/60-500 FS	497	698
X-junction W13/60-600 FS	597	798



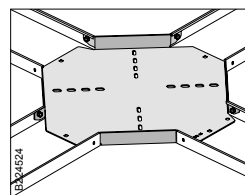
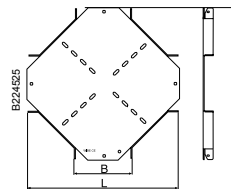
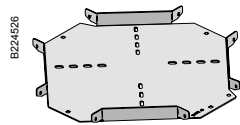
Used for 90° horizontal junction of four trays with the same width. Suspension components should be mounted in or in connection with the junction. Push-in installation.

If necessary, the junction can be locked using Screw set W38P or Locking plug W41. Can be provided with holes in bottom for suspension in Pendant attachment W21 alternatively Tube pendant attachment W73. Valid for max. width 200 mm.

Support bracket/joint W7/60, with a suitable pendant, is used to achieve an invisible suspension, here with End bracket WN17 mounted as vertical piece.

X-junction W13F/40

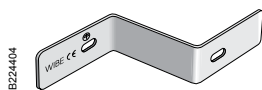
X-junction to be used for 90° horizontal junction of cable trays W3/40. Push-in assembly.



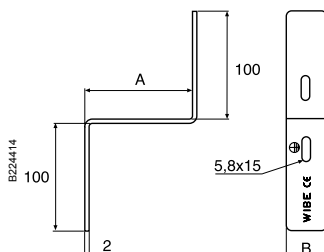
Type	B mm	L m
X-junction W13F/40-50	47	148
X-junction W13F/40-70	67	217
X-junction W13F/40-100	97	313
X-junction W13F/40-150	147	434
X-junction W13F/40-200	197	555
X-junction W13F/40-300	297	662
X-junction W13F/40-400	397	762
X-junction W13F/40-500	497	932
X-junction W13F/40-600	597	1032

Used for horizontal 90° junction of four trays with the same width. Suspension components should be mounted in or in connection with the junction. Push-in installation.

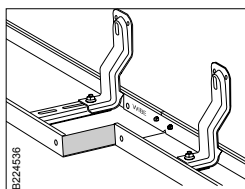
Reducer W28/40



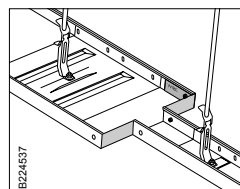
Reducer for 40 mm high cable trays W1 and W3. To be used together with side joint W49 in side transitions. In centered transitions only two reducers W28 are necessary.



Type	A mm	B mm
Reducer W28/40-50	50	37.5
Reducer W28/40-100,	100	37.5
Reducer W28/40-150	150	37.5
Reducer W28/40-200	200	37.5
Reducer W28/40-250	250	37.5
Reducer W28/40-300	300	37.5
Reducer W28/40-350	350	37.5
Reducer W28/40-400	400	37.5
Reducer W28/40-450	450	37.5
Reducer W28/40-500	500	37.5

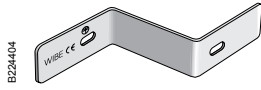


Used together with 1 Side joint W49/40 at one-side transition joining of Cable tray W1/40 and W3/40, to be mounted with 2 Screw sets W38P. Always use support close to the reducer.

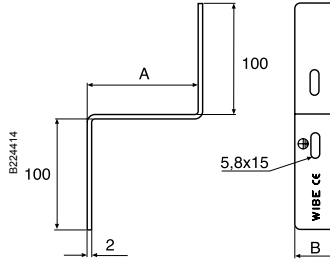


2 Reducers W28/40 are used at centered transition joining, to be mounted with Screw set W38P. Always use support close to the reducer.

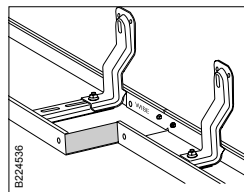
Reducer W28/60



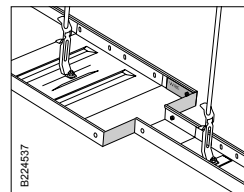
Reducer for 60 mm high cable trays W1 and W3. To be used together with side joint W49 in side transitions. In centered transitions only two reducers W28 are necessary.



Type	A mm	B mm
Reducer W28/60-50	50	57.5
Reducer W28/60-100	100	57.5
Reducer W28/60-150	150	57.5
Reducer W28/60-200	200	57.5
Reducer W28/60-250	250	57.5
Reducer W28/60-300	300	57.5
Reducer W28/60-350	350	57.5
Reducer W28/60-400	400	57.5
Reducer W28/60-450	450	57.5
Reducer W28/60-500	500	57.5

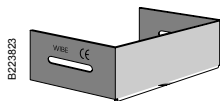


Used together with 1 Side joint W49/60 at one-side transition joining of Cable trays W1/60 and W3/60, to be mounted with 2 Screw sets W38P. Always use support close to the reducer.

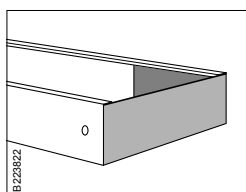
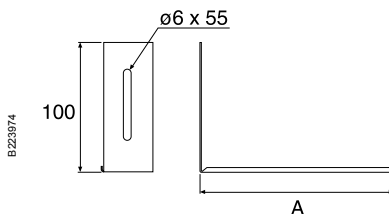


2 Reducers W28/60 are used at centered transition joining, to be mounted with Screw set W38P. Always use support close to the reducer.

End cover W45/40



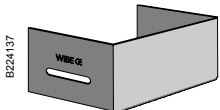
End cover to be mounted at the ends of cable trays W1/40 and W3/40 and of lighting trunkings W70 and W71. Provided with oval holes 6x55 mm on the sides. Push-in assembly.



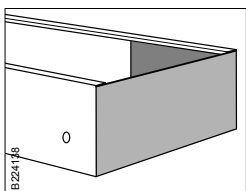
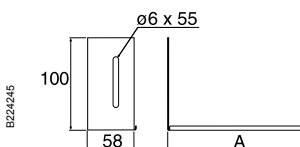
Mounted as end in trays and lighting trunkings. Locked with Locking plug W41 or Screw set W38P.

Type	A mm
End cover W45/40-70	68
End cover W45/40-100	98
End cover W45/40-150	148
End cover W45/40-200	198
End cover W45/40-300	298
End cover W45/40-400	398
End cover W45/40-500	498
End cover W45/40-600	598

End cover W45/60



End cover to be mounted at the ends of cable trays W1/60 and W3/60. Provided with oval holes 6x55 mm on the sides. Push-in assembly.

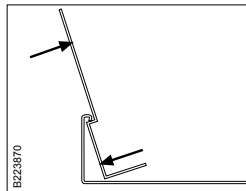
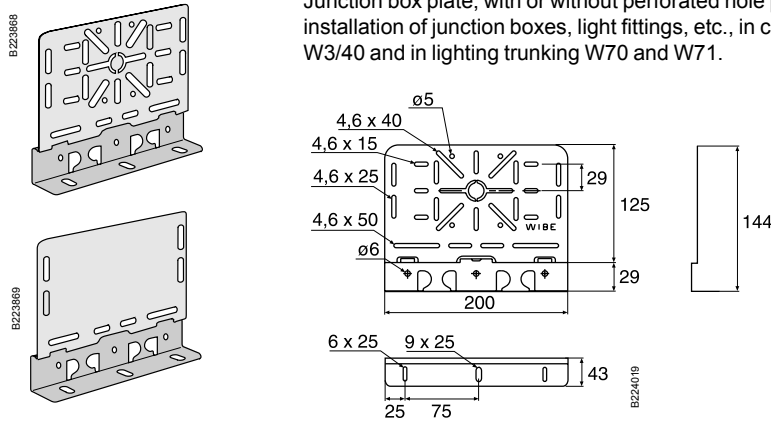


Mounted as end cover in cable trays. Locked with Screw set W38P or Locking plug W41.

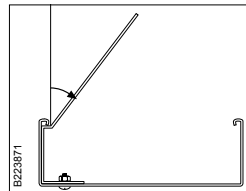
Type	A mm
End cover W45/60-70	68
End cover W45/60-100	98
End cover W45/60-200	198
End cover W45/60-300	298
End cover W45/60-400	398
End cover W45/60-500	498
End cover W45/60-600	598

Junction box plate W24/40

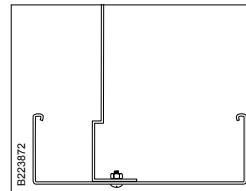
Junction box plate, with or without perforated hole pattern. To be used for the installation of junction boxes, light fittings, etc., in cable trays W1/40 and W3/40 and in lighting trunking W70 and W71.



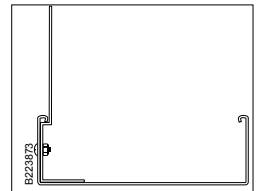
The Junction box plate W24/40 is mounted between the bottom of the trunking or tray and its folded seam.



If necessary, the Junction box plate W24/40 can be screwed tight directly in Tray W3/40 with Screw set W38P. If one requires a hidden socket box, the junction box should be folded inwards.



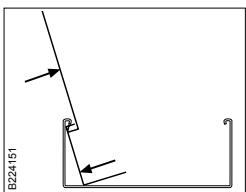
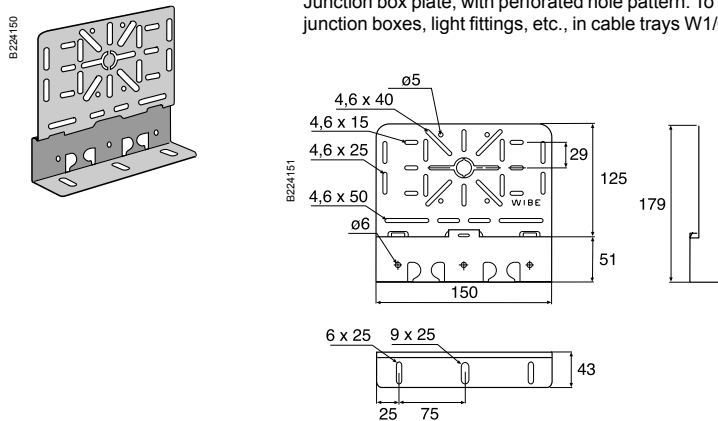
Can be mounted in the middle of Lighting trunking W70/W71-100 and W70-200 with Screw set W36 or Tray W3/40 with Screw set W38P.



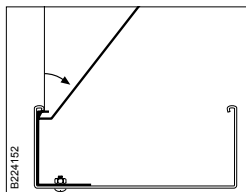
To firmly attach Junction box plate W24/40 in Tray W1/40 or W3/40, use blind rivets, selftapping screws or Screw set W38P.

Junction box plate W24/60

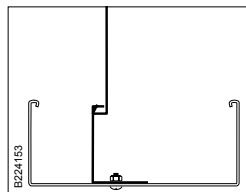
Junction box plate, with perforated hole pattern. To be used for the installation of junction boxes, light fittings, etc., in cable trays W1/60 and W3/60.



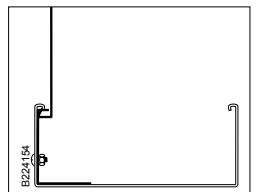
The Junction box plate W24/60 is mounted between the bottom of the tray and its folded seam.



If necessary, the Junction box plate W24/60 can be tightened directly in Tray W3/60 with Screw set W38P. If one requires a hidden socket box, the junction box should be folded inwards.



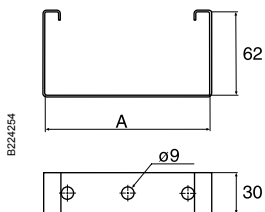
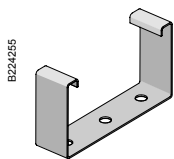
Can be mounted in the middle of Tray W3/60 with Screw set W38P.



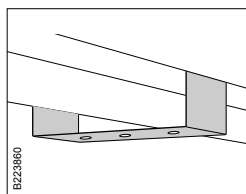
To firmly attach Junction box plate W24/60 in Tray W1/60 or W3/60, use blind rivets, selftapping screws or Screw set W38P.

Luminaire bracket W25/40

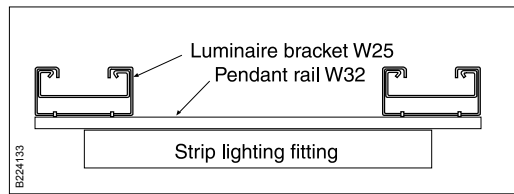
Luminaire bracket to be used for assembly of light fixtures under Cable trays W1/40 and W3/40 or Lighting trunking W70 and W71.



Type	A mm
Luminaire bracket W25/40-70	72
Luminaire bracket W25/40-100	101
Luminaire bracket W25/40-200	201
Luminaire bracket W25/40-300	301
Luminaire bracket W25/40-400	401
Luminaire bracket W25/40-500	501
Luminaire bracket W25/40-600	601



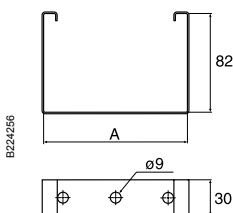
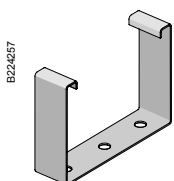
Used for installation of light fittings under tray or trunking. Can easily be moved along the tray or trunking.



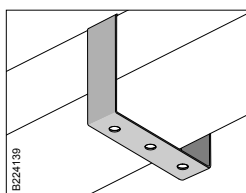
For mounting of light fittings between and under two trays or lighting trunking. The light fitting is easily moved along the tray or lighting trunking.

Luminaire bracket W25/60

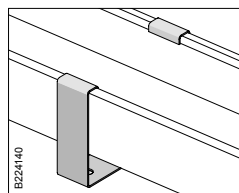
Luminaire bracket to be used for assembly of light fixtures under Cable trays W1/60 and W3/60.



Type	A mm
Luminaire bracket W25/60-70	72
Luminaire bracket W25/60-100	101
Luminaire bracket W25/60-200	201
Luminaire bracket W25/60-300	301
Luminaire bracket W25/60-400	401
Luminaire bracket W25/60-500	501
Luminaire bracket W25/60-600	601



The luminaire bracket can easily be moved along the tray.



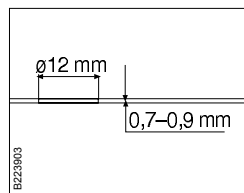
For mounting of lighting fittings under Cable tray W1/60 and W3/60.

Fixings - Ogebe

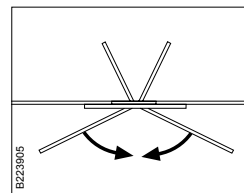
The Ogebe fixing is a patented fixing intended for use when mounting plating with a thickness of 0.7-0.9 mm and 13 mm gypsum board. Pendants, cantilevers and holed strips can be mounted with these fittings.

Technical data

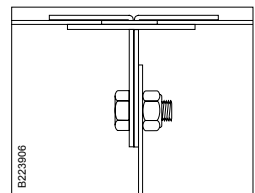
Material	Cold-rolled sheet steel	Nut	Locking Nut M8, SMS 2165 FZB
Material treatment	Case-hardened	Bolt	M8 x 16 mm FZB
Surface treatment	Electro-galvanized	Washer	SRB 13.5 x 26 x 2 mm FZB
Maximum load	See load tables		



Drill a 12 mm dia. hole. A 10 mm drill can be used if one increases the hole dia. by slanting the electric drill.



Place the accompanying washer over the thin legs. Insert the legs through the drilled hole and fold the broader legs towards each other. If sealing is required, a standard sealing mass from building retailers can be used.



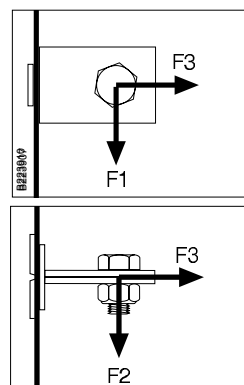
Mount the pendant, bracket or holed strip with the enclosed bolts and nuts. (The nut should always be a locking nut).

Breaking load

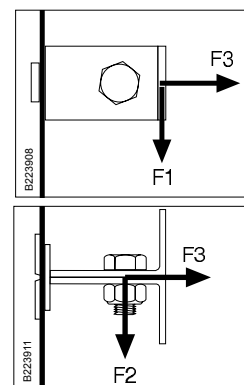
The load applied at an equi-distance between 2 beams 600 mm apart. The values are taken from Swedish National Testing Institute Report 8410.0032 1984-09-28.

Type of fixing	Sheeting 0.7 mm			Sheeting 0.9 mm			Gypsum 13 mm		
	F1	F2	F3	F1	F2	F3	F1	F2	F3
E	1.01 kN 101 kg	2.14 kN 214 kg	1.85 kN 185 kg	1.77 kN 177 kg	2.43 kN 243 kg	2.05 kN 205 kg			
ED	1.67 kN 167 kg	1.67 kN 167 kg	1.85 kN 185 kg	2.02 kN 202 kg	2.02 kN 202 kg	2.05 kN 205 kg			
D	*2.46 kN 246 kg	1.67 kN 167 kg	1.85 kN 185 kg	*3.06 kN 306 kg	2.06 kN 206 kg	2.05 kN 205 kg			
Eg							0.67 kN 67 kg	0.93 kN 93 kg	0.62 kN 62 kg

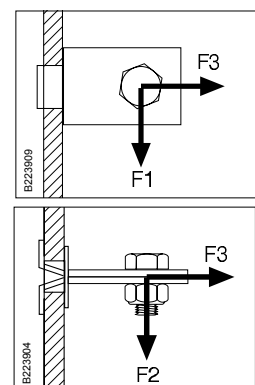
Fixing type E



Fixing type D, ED

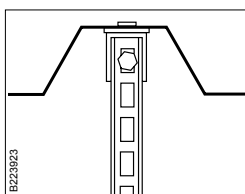
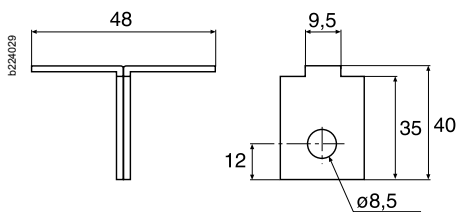
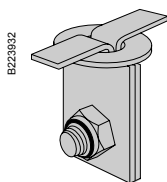


Fixing type Eg

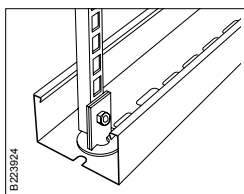


Ogebe fixing type E

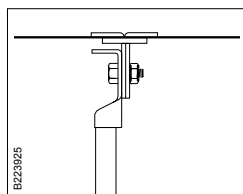
Ogebe fixing type E to be used for mounting in 0.7-0.9 mm sheeting or board material. Examples are hole straps, pendants, ducts, trays and piping.



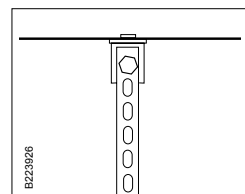
Mounting of Pendant rail W32.



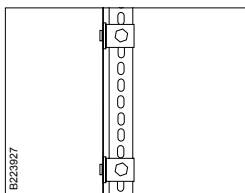
Mounting of Pendant rail W32 with Ogebe fixing type E direct in lighting trunking.



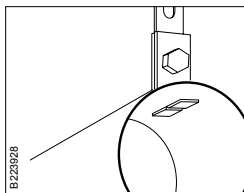
Mounting of Ceiling attachment W31 on Ogebe fixing type E



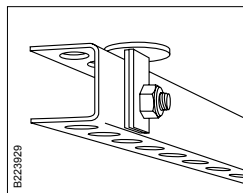
Mounting of hole strap.



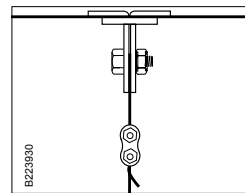
Stand installation on wall.



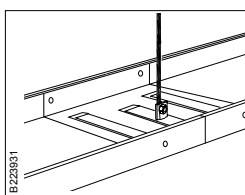
Suspension of duct or pipe.



Mounting of holed beam.



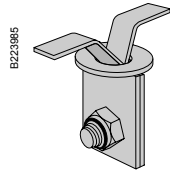
A wire can be mounted directly in the Ogebe fixing type E.



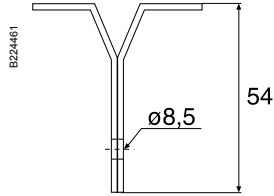
The Ogebe fixing type E can be mounted direct into Support bracket/joint W7.

Ogebe fixing type Eg

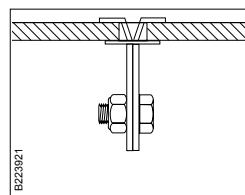
Ogebe fixing type EG to be used for mounting in single gypsum boards.



B223985

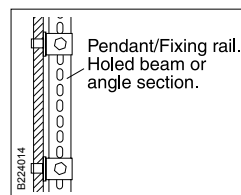


B224461



B223981

Eg mounted in single gypsum board

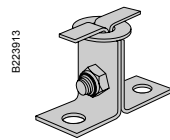


B224014

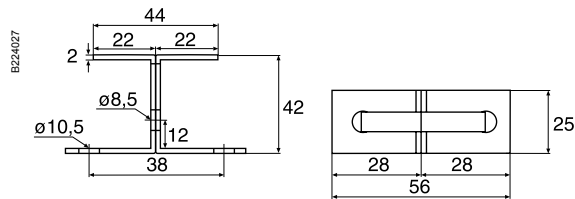
Stand installation on wall.

Ogebe fixing type D

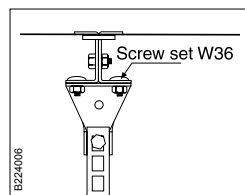
Ogebe fixing type D to be used for mounting in 0.7-0.9 mm sheeting or board material.



B223913

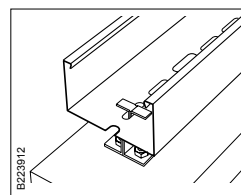


B224027



B224006

Mounting of ceiling attachment W31 on fixture, type D. Use Screw set W36 or W36C.

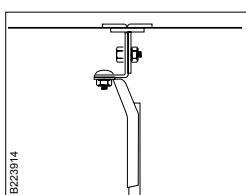
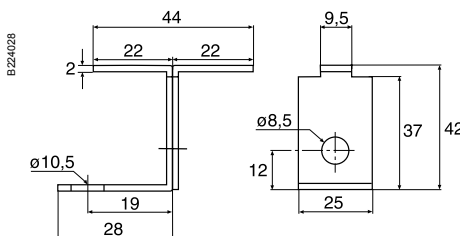
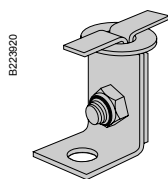


B223912

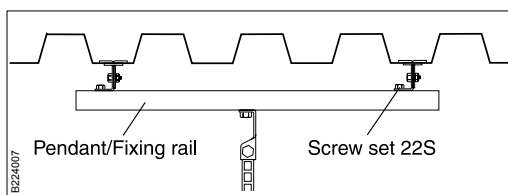
Ogebe fixing type D or ED can be mounted in lighting trunking as light fitting.

Ogebe fixing type ED

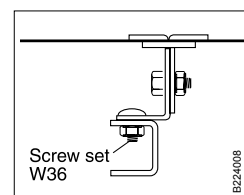
Ogebe fixing type ED to be used for mounting in 0.7-0.9 mm sheeting or board material. Examples are suspension devices, light fittings.



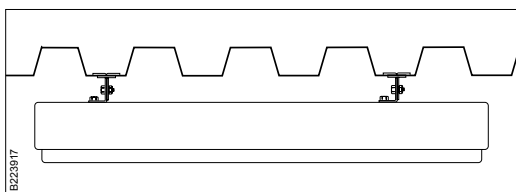
Mounting of Pendant attachment W21 or Tube pendant attachment W73 with Ogebe fixing type ED. Use screw set W36/W36C.



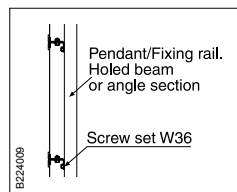
When mounting Ceiling attachment W31 on cable trays/ lighting trunking, the load can be distributed onto two or more fixings. This allow for lateral adjustment.



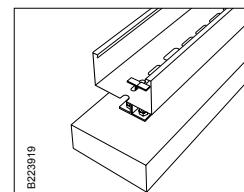
Installation of holed beam. Use Screw set W36/W36C.



Mounting of light fittings in plate metal ceiling.



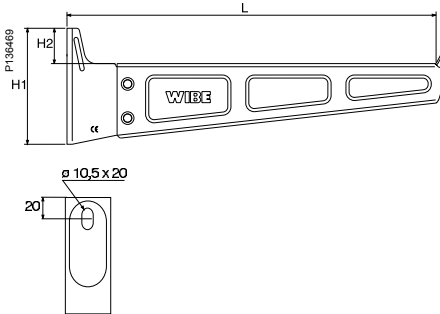
Stand installation on wall. Use Screw set W36/W36C.



Ogebe fixing type D or ED can be mounted in lighting trunking as light fitting.

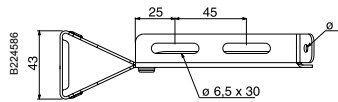
Cantilever arm 50i

Cantilever arm to be used for lighter mountings on walls, vertical pieces or pendant/fixing rails.

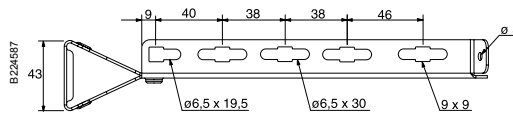


Cantilever arm type	Size		
	L mm	H1 mm	H2 mm
50i-100	150	80	32
50i-200	250	85	28.5
50i-300	350	110	33.5
50i-400	450	115	31.0

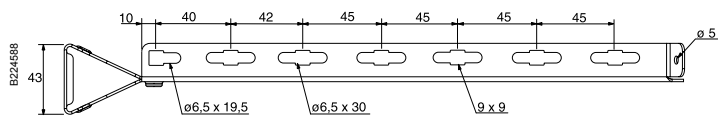
Widths = 100



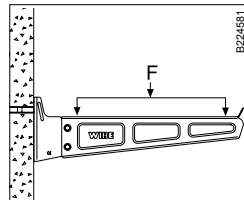
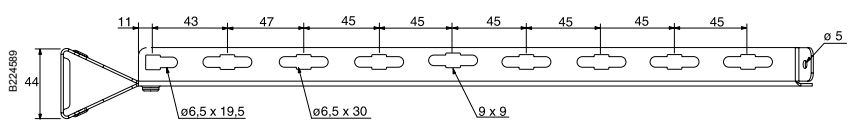
Widths = 200



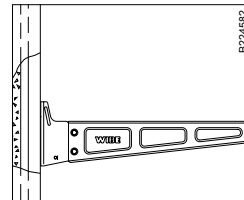
Widths = 300



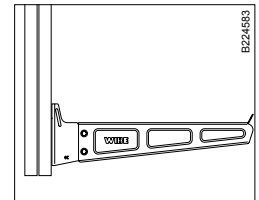
Widths = 400



Installation of cantilever arm mounted to wall using Expansion bolt M8. Breaking load - See table below.



Installation of cantilever arm using T-bolt M8 on Fixing rail 24/26 x 53 for casting-in or Pendant/ Fixing rail wall mounted.



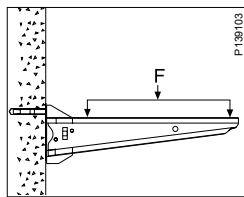
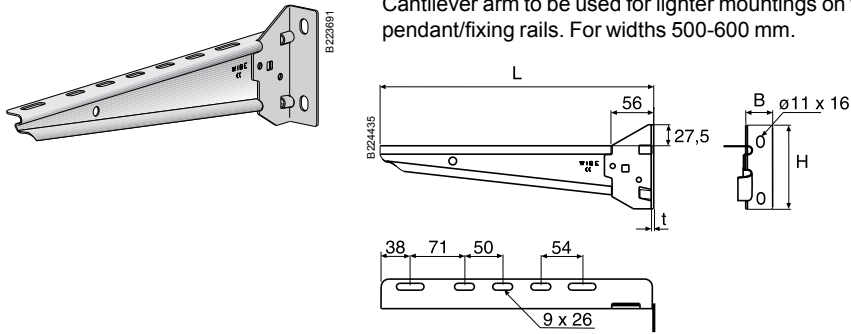
Installation of cantilever arm using T-bolt M8 on vertical piece. Check breaking load of the vertical piece.

Breaking load F - Mounted on wall

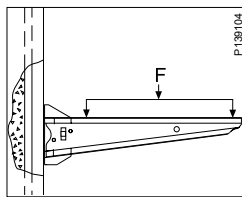
Type	KN	kg
50i-100	2.30	230
50i-200	2.15	215
50i-300	2.20	220
50i-400	2.35	235

Cantilever arm 81

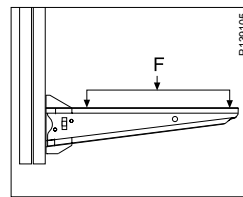
Cantilever arm to be used for lighter mountings on walls, vertical pieces or pendant/fixing rails. For widths 500-600 mm.



Installation of a cantilever arm to a wall using an Expansion bolt. Breaking load - see below.



Installation of a cantilever arm using a T-bolt on a Fixing rail 24/26 x 53 for casting-in or Pendant/Fixing rails mounted on the wall.



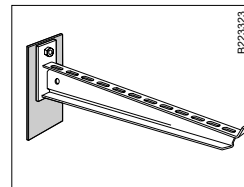
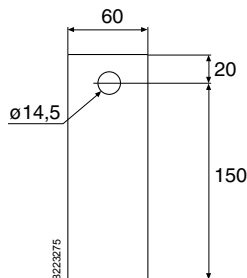
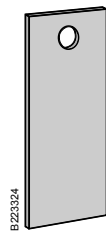
Installation of cantilever arm using T-bolt with vertical pieces. Breaking load - see below. Also check breaking load of the vertical piece.

Size and Breaking load F

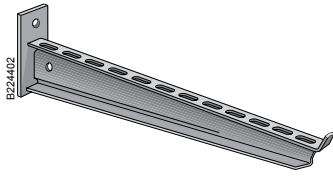
Type	Size			Mounted on wall		Mounted on P/F rail 24/48 with T-bolt 26	
	L mm	B mm	H mm	kN	kg	kN	kg
Cantilever arm 81/500	568	40	150	1.9	190	1.9	190
Cantilever arm 81/600	658	40	150	1.9	190	1.9	190

Back plate 40

Back plate to be used for installation behind Cantilever arm 50 to reduce the surface pressure on porous walls.

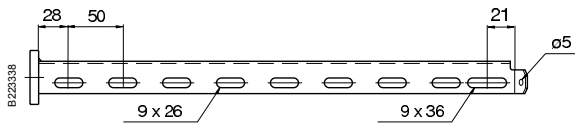
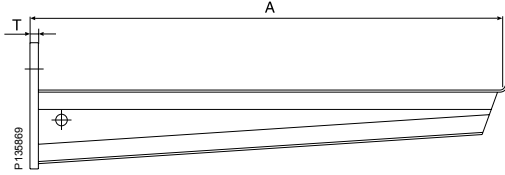


Mount Back plate 40 as shown in the illustration to reduce the surface stress on porous walls.

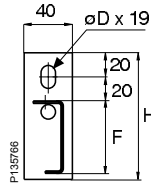


Cantilever arm 50

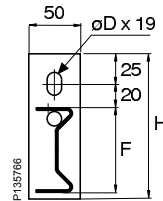
Cantilever arm for mounting on walls, pendant/fixing rails or vertical pieces.
Material: Steel, hot-dip galvanized.



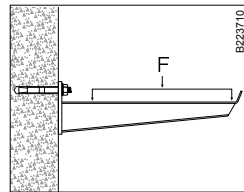
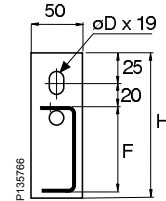
50/100-300



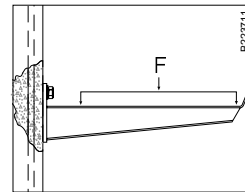
50/400-600



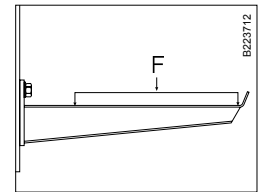
50/700-1000



Installation of a Cantilever arm 50 to a wall using an Expansion bolt.
Breaking load F, see table below.



Installation of a Cantilever arm 50 using a T-bolt on pendant/ fixing rail mounted on the wall.
Breaking load F, see table below.



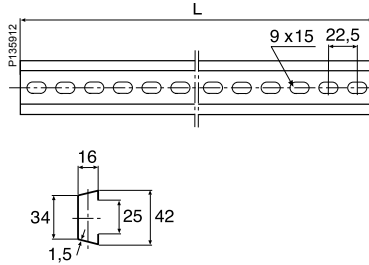
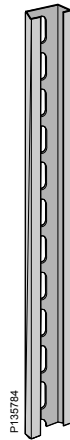
Installation of Cantilever arm 50 using T-bolt with vertical piece. Breaking load F, see table below. Also check the breaking load of vertical pieces.

Size and Breaking load F

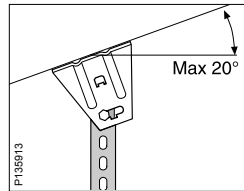
Type	A mm	D mm	F mm	H mm	T mm	Mounted on wall		Mounted on P/F rail 24/48 with T-bolt 26F	
						kN	kg	kN	kg
50/100	150	12	34	85	4	3.0	300	3.0	300
50/150	200	12	36	85	4	3.0	300	3.0	300
50/200	250	12	39	85	4	2.5	250	2.5	250
50/300	350	12	60	105	6	4.0	400	3.0	300
50/400	450	12	70	120	8	6.5	650	4.5	450
50/500	550	12	77	140	8	7.0	700	4.5	450
50/600	650	12	84	150	10	7.0	700	4.0	400

Pendant/Fixing rail 24/34

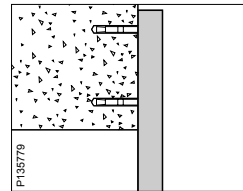
Pendant/Fixing rail for mounting of support brackets, cantilever arms, etc.



Type	L ± 2 mm
Pendant/Fixing rail 24/34	292.5
Pendant/Fixing rail 24/34	382.5
Pendant/Fixing rail 24/34	495.0
Pendant/Fixing rail 24/34	697.5
Pendant/Fixing rail 24/34	990.0
Pendant/Fixing rail 24/34	2970.0



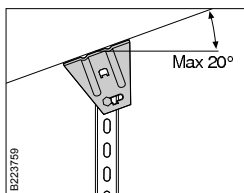
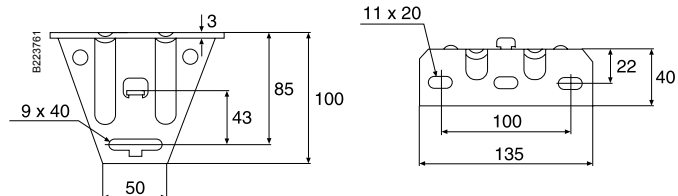
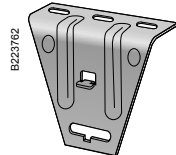
Ceiling bracket 5 and 1 Screw set 22S together provide a vertical piece that can be mounted with up to 20° slope.



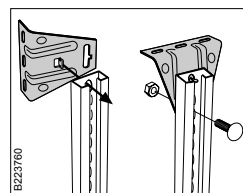
Side mounting of pendant/fixing rails may be done using 2 Expansion bolts alt. 2 Concrete screws.

Ceiling bracket 5

Ceiling bracket to be used for installations with Pendant/Fixing rails 24/34 and 24/48. Screw not included.



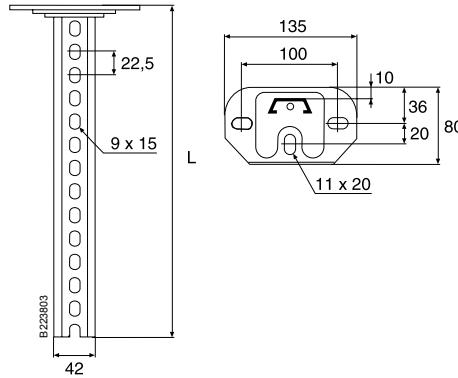
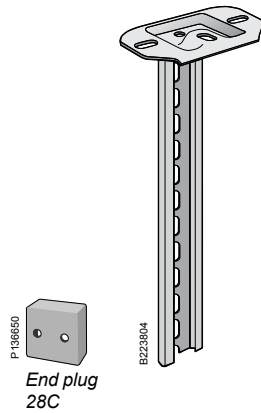
Using Pendant/Fixing rail 24/34 or 24/48, 1 Ceiling bracket 5 and 1 Screw set 22S it is possible to make a vertical piece that can be installed at an angle of up to 20°. Breaking load for rail 34 = 1000 kg (10 kN). Breaking load for rail 48 = 1200 kg (12 kN).



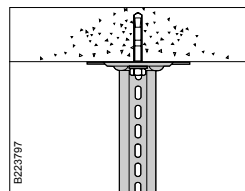
Mount Ceiling bracket 5 to the back of the pendant/fixing rail by turning the ceiling bracket 90° and inserting the tab into the hole in the rail. Then turn the ceiling bracket back and lock it in the required position using 1 Screw set 22S. When mounting it at a horizontal ceiling, lock the screw in the slot recess for better lateral stability. Ceiling bracket 5 can be tilted max. 20°.

Vertical piece 2

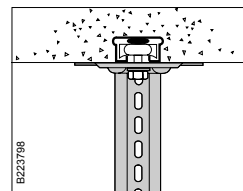
Vertical piece to be used for installation of Support bracket W1940/W1960, symmetrical loading. Can be joined to Pendant/fixing rail 24/34 with Pendant joint 2J.



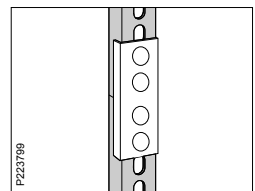
Type	L mm
Vertical piece 2/300	279
Vertical piece 2/400	392
Vertical piece 2/500	504
Vertical piece 2/700	729
Vertical piece 2/1000	1022



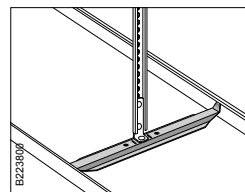
Mount Vertical piece 2 using an Expansion bolt or a concrete screw.



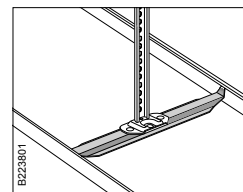
Mount Vertical piece 2 on a Fixing rail 24/26x53 for casting-in using T-bolt 26F.



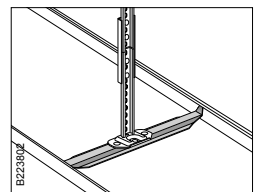
Vertical piece 2 can be joined to achieve the required length using Pendant/Fixing rail 24/34 and Pendant joint 2J.



Support bracket W1940/W1960 can be mounted on Vertical piece 2 with Angle bracket W8. Use Screw set W36/W36C.



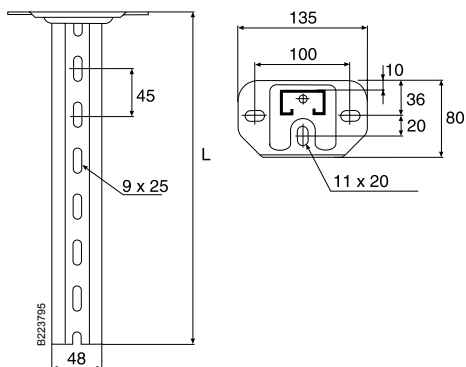
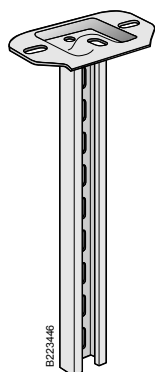
Support bracket W1940/1960 mounted in the fixing plate of the vertical piece with Screw set W36/W36C.



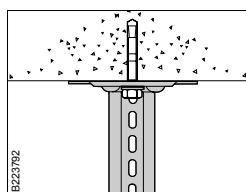
Use Pendant joint 2J to join two Vertical pieces 2.

Vertical piece 2F

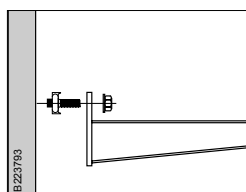
Vertical piece to be used for installation of Internal cantilever arm W17/40, Adjustable cantilever arm W18/40 or Cantilever arm 50/50L. Can be joined to Pendant/fixing rail 24/48 with Pendant joint 2FJ.



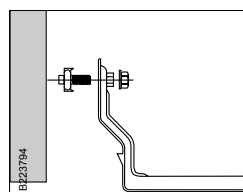
Type	L mm
Vertical piece 2F/280	280
Vertical piece 2F/370	370
Vertical piece 2F/505	505
Vertical piece 2F/730	730
Vertical piece 2F/1000	1000
Vertical piece 2F/1500	1495



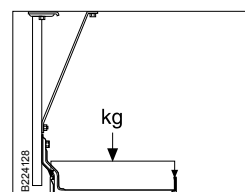
Mounted in ceiling with Expansion bolt alt. Concrete screw.



Cantilever arm 50 is mounted with a T-bolt.



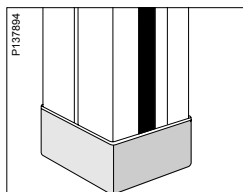
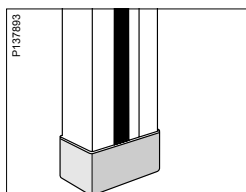
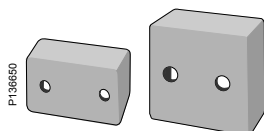
Internal cantilever arm W17/40 is mounted with a T-bolt.



In order to reduce the deflection of Vertical piece 2F for heavy loads on Internal cantilever arm W17/40 and Adjustable cantilever arm W1840/ W1860, Pendant bar 1 is installed.

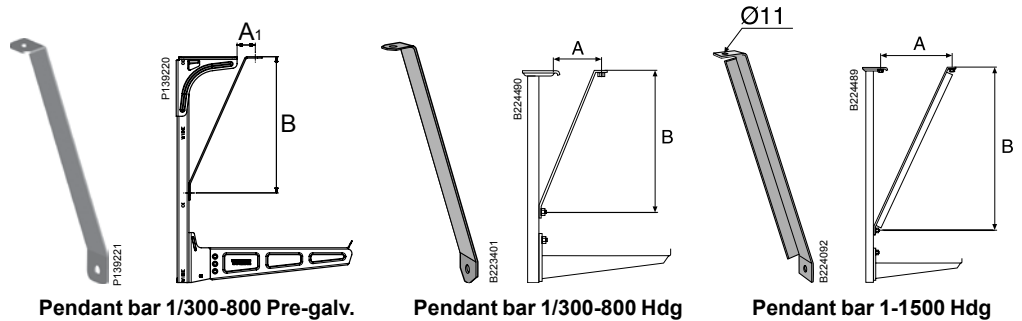
End plugs

End plug to be mounted on pendant ends to provide protection against personal injury and to make the ends of the profiles more conspicuous.

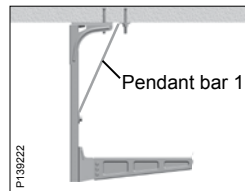


Pendant bar 1

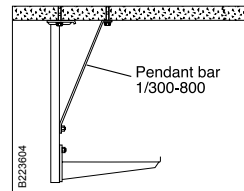
Pendant bar to be installed in order to reduce the deflection of heavily loaded vertical pieces. Installed with T-bolt and Expansion bolt.



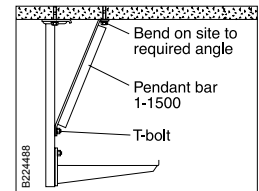
Type	A' mm	A mm	B mm
1/300	40	80	300
1/500	40	130	500
1/800	125	215	800
1/1500	Varies	Varies	Varies



To reduce deflection of Vertical piece 2Fi at heavy loads on Cantilever arm 50i the Pendant bar 1 can be used. Install with T-bolt and Expansion bolt.



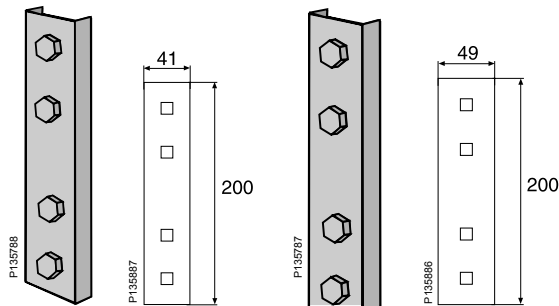
To reduce deflection of Vertical piece 2F at heavy loads on Cantilever arm 50 the Pendant bar 1 can be used. Install with T-bolt and Expansion bolt.



Mount this stay to reduce deflection of long Vertical pieces 2F.

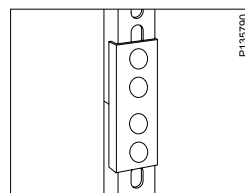
Pendant joint 2J, 2FJ

Pendant joint to be used for joining pendant/fixing rails and vertical pieces.

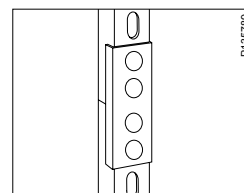


Pendant joint 2J

Pendant joint 2FJ

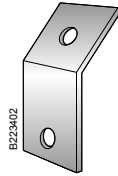


Pendant joint 2J, used for joining of Vertical piece 2 and Pendant/ Fixing rail 24/34.

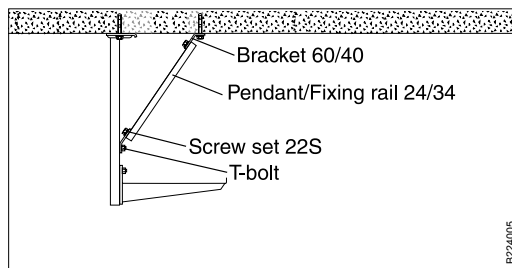
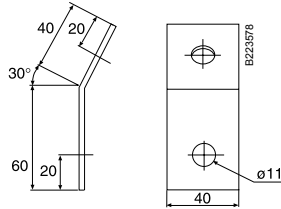


Pendant joint 2FJ, used for joining of Vertical piece 2F.

Bracket 60/40



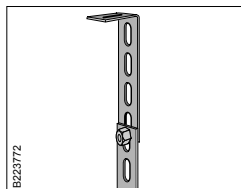
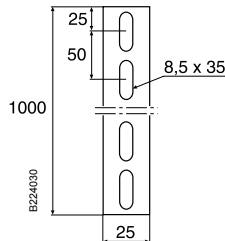
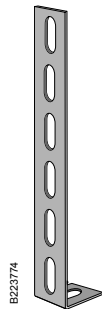
Bracket to be used together with Pendant/fixing rail 24/34 to reduce the deflection of long vertical pieces.



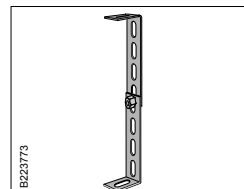
Use Bracket 60/40 with Pendant/ Fixing rail 24/34 to reduce the deflection of long pendants. Cut the pendant/fixing rail to a suitable length on site.

Pendant strip W33

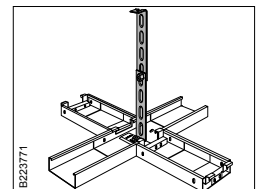
Pendant strip to be used as a light-duty vertical ceiling suspension. The pendant strip is delivered in a straight length of 1 m, to be bent on site. Pendants longer than 1 m are joined by overlapping, using Screw set W36/W36C.



The Pendant strip W33 is delivered straight. Can be bent on site. Pendants longer than 1 m are joined by overlapping using Screw set W36/W36C.



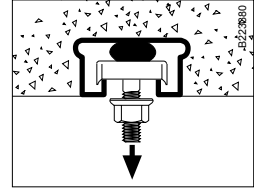
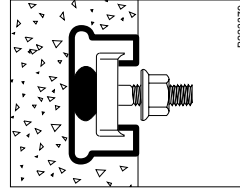
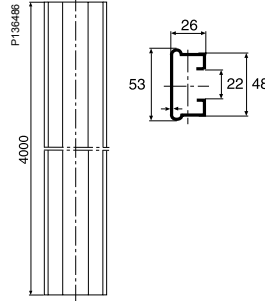
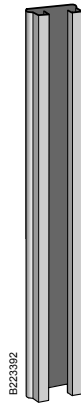
If adjustment of pendant length is required this can be achieved by cutting the strip in the middle and overlapping the two parts so that a joint can be achieved using Screw set W36/W36C.



Mounted in open intersections for ceiling installation. Mounted with Screw set W36/W36C in Support bracket/joint W7.

Fixing rail 24/26x53 for casting-in

Fixing rail for casting-in in wall and ceilings.

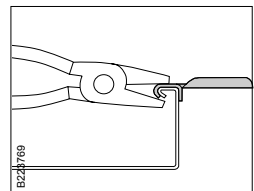
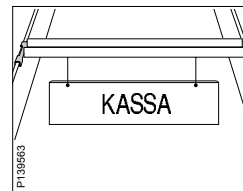
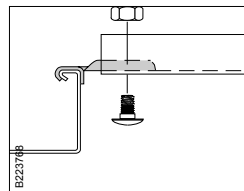
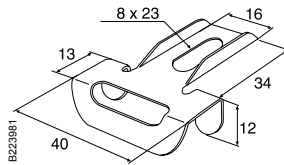
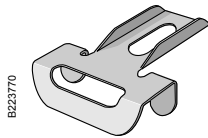


Fixing rail 24/26 x 53 for casting in walls and ceilings. Mount cantilever arms with T-bolt 26F.

Max. pull-out load: 1000 kg/0.5 m of casting-in fixing rail (Concrete class K200).

Locking clamp W77

Locking clamp to be used when pendant rail W32 is mounted between two parallel lighting trunking W70/W71 or cable trays W1/W3 for additional stability.



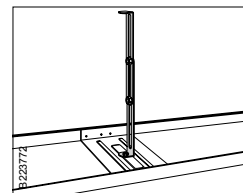
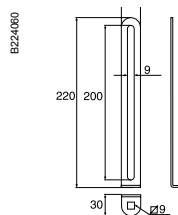
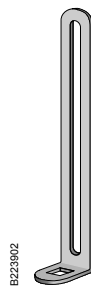
Pendant rail W32 mounted with Screw set W36/W36C or W34.

Locking clamp W77 used when Pendant rail W32 is mounted between two Lighting trunking W70/W71 or cable trays as a stabilizer.

Locking clamp W77 fixed to the fold of trunking/tray with a pair of pliers.

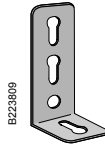
End bracket WN17

Used as vertical piece, for example mounted on Support bracket/joint W7 to achieve a concealed suspension.

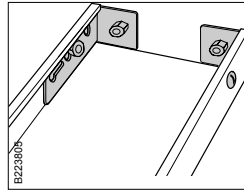
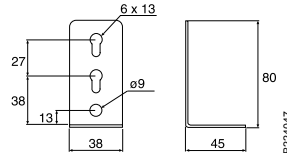


End bracket WN17 can be mounted as vertical piece on Support bracket/joint W7, use Screw set W36/W36C. The end brackets are joined with 2 Screw sets 22S. Max symmetrical load on the end bracket is 100 kg at tightening torque of 10.4 Nm.

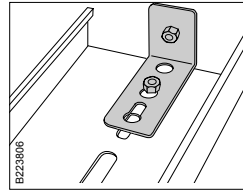
Angle bracket W8



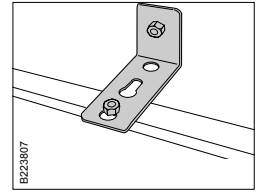
Angle bracket to be mounted inside a cable tray W1/W3 for horizontal installation to the wall or vertical installation to the floor. Can also be mounted as a pendant bracket in the lighting trunking W70/W71.



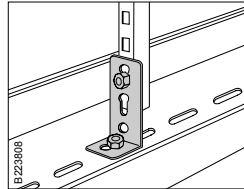
2 Angle brackets W8 are mounted in Cable trays W1/40 or W3/40 using 2 Screw sets W38P for horizontal connection to wall and vertical connection to floor. Can be mounted with legs pointing inwards or outwards.



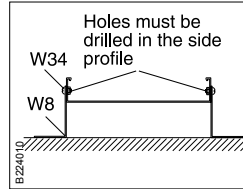
Angle bracket W8 mounted in bottom of lighting trunking with Screw set W36/W36C. Expansion bolts are used for installation in concrete walls. In sheet metal walls mounting is achieved with an Ogebe fixing type ED.



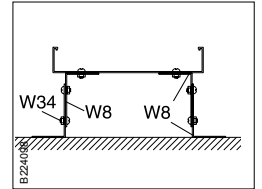
The Angle bracket W8 is mounted to achieve clearance from wall or where there is a large asymmetric load on the tray at pendant installation. Mounted at a distance of 1.5-2 m.



Angle bracket mounted in bottom of lighting trunking with Screw set W36/W36C as pendant attachment.



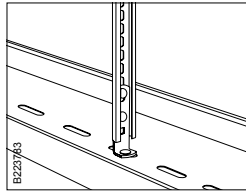
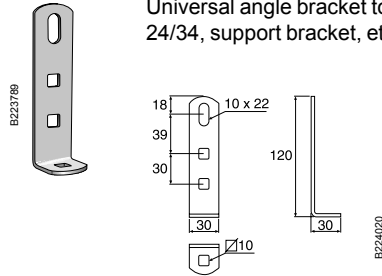
Horizontal installation of Cable tray W3/W1 on floor or vertically on wall. The angle bracket W8 can be turned to reduce the distance to floor or wall.



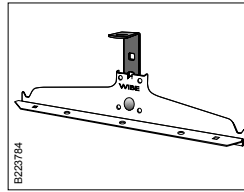
Horizontal installation of Cable tray W3 on floor or vertically on wall. The angle bracket W8 can be turned to reduce the distance to floor or wall.

Angle bracket W8S

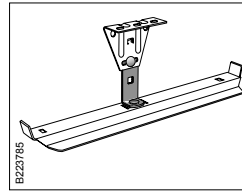
Universal angle bracket to be used for various installations of pendant/fixing rail 24/34, support bracket, etc.



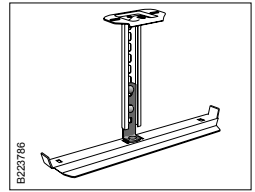
Vertical piece 2 or Pendant/Fixing rail 24/34 can be mounted with Angle bracket W8S directly into the lighting trunking. Use Screw set 22S.



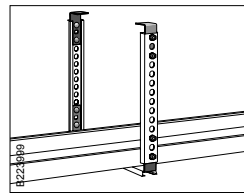
Support bracket 3 can be mounted in ceilings with Angle bracket W8S and Screw set 22S.



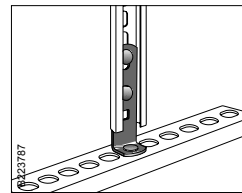
Support bracket W1940/W1960 can be mounted on Ceiling bracket 5 with Angle bracket W8S and Screw set 22S.



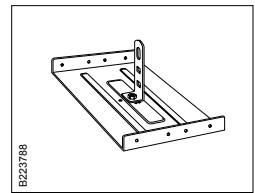
Support bracket W1940/W1960 can be mounted on Vertical piece 2 with Angle bracket W8S and Screw set 22S.



Clamp suspension of cable tray can be made with Pendant/Fixing rail 24/34, Angle bracket W8S and Screw set 22S.



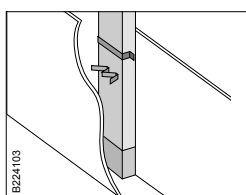
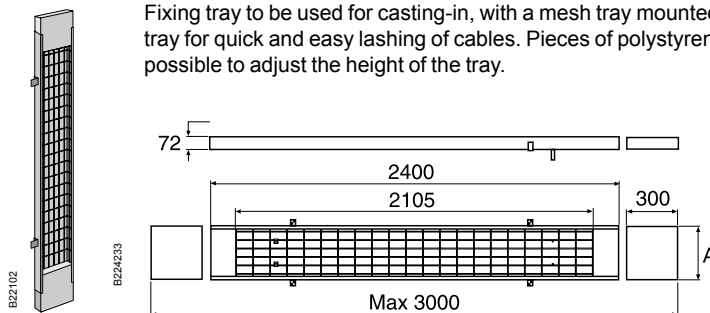
Angle bracket W8S can be used for installations in Pendant/Fixing rail 24/34. Use Screw set 22S. An easy way to build stands for electrical cabinets.



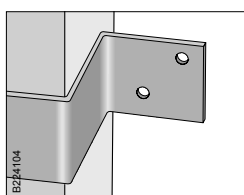
Support bracket/joint W7 can be mounted directly on Vertical piece 2 with Angle bracket W8S and Screw set 22S. Does not apply to widths used for joining only.

Fixing tray N for casting-in

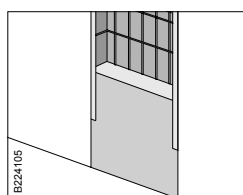
Fixing tray to be used for casting-in, with a mesh tray mounted on the inside of the tray for quick and easy lashing of cables. Pieces of polystyrene at both ends make it possible to adjust the height of the tray.



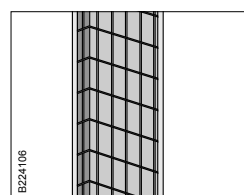
Fixing tray N for casting in mounted in the mould.



Fixing tray N adjusted onto the mould (from out- or inside).



The length is adjustable to ceiling and floor by moving the pieces of Polystyrene, total height min 2400-max 3000 mm.



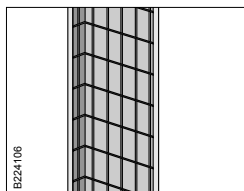
The mesh tray mounted into the Fixing tray N is used for lashing of cables.

Lashing wire

Lashing wire to be used for lashing of cables on mounting rails or casting-in fixing trays.

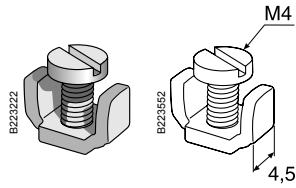


Type		Diam mm	Breaking load kg
HTR - 2303	Lashing wire, stainless steel, white PVC	1.25	92
HTR - 2313	Lashing wire, stainless steel, black PVC	1.25	92
HT - 2304	Lashing wire, white PVC	1.5	25
HT - 2314	Lashing wire, black PVC	1.5	25

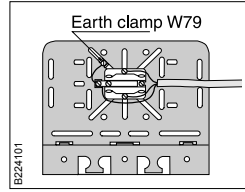


Lashing wire is used for mounting in mesh trays and Fixing tray N for casting in.

Earth clamp W79

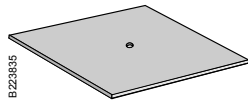


The earth clamp is used when protective earthing of the junction box plate is required.

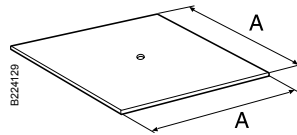


Earth clamps are designed for use when protective earthing of the mounting plate is required for mounting apparatuses as per relevant heavy current directives. The oblong holes in the junction box plate (mounting plate) permit movement of the earth clamp so that it always comes under the casing of the apparatus. If the apparatus's earth clamp is not approved for joining protective earth conductors, it must pass unbroken through the apparatus's earth clamp to the junction box earth clamp (see the fig.).

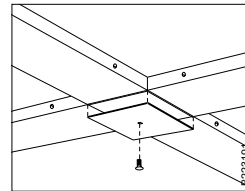
Cover plate W16



Cover plate to be used to level out the differences in level between cable tray and junctions, such as 90° bends, T- and X-junctions. To be mounted under the junctions.



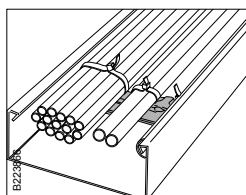
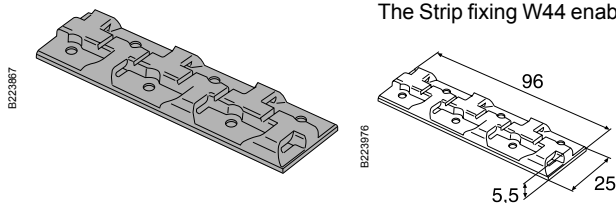
Type	A mm
Cover plate W16-70	70
Cover plate W16-100	100
Cover plate W16-200	200
Cover plate W16-300	300
Cover plate W16-400	400



Mounted with Screw set W36/W36C under X-junction W13/40 if one needs to level out differences in height between tray and bend.

Strip fixing W44

The Strip fixing W44 enables strapping of cables in an unperforated tray.



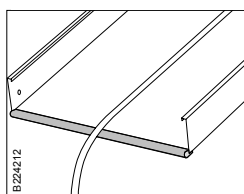
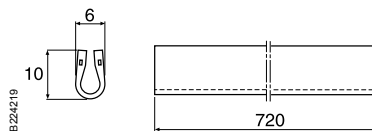
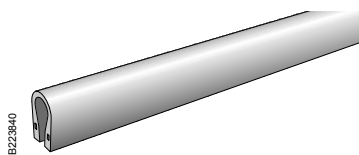
The Strip fixing W44 is provided with double sided adhesive tape and is attached to the tray bottom. Alternatively, blind rivets or self-tapping screws can be used.

When mounting with double sided adhesive tape, the surface on the tray bottom must be wiped clean. Loads may not be applied until after 24 hours. Full adhesion is obtained after 72 hours in 21°C. Ideal application temperature is 21°-38°C. Application below normal room temperature not recommended.

Each Strip fixing W44 can be split up in 2 to 6 pieces. Supplied with 50 pieces in a plastic bag.

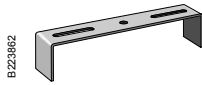
Protection strip W48

Used to protect the cables from damage.

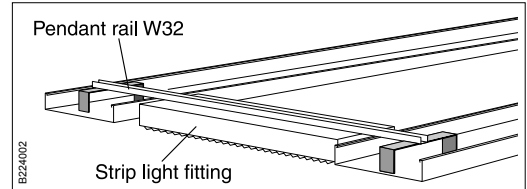
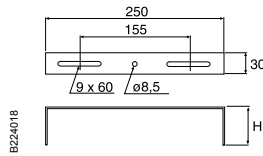


When cutting a cable tray you can mount Protection strip W48 to protect the cables from damage.

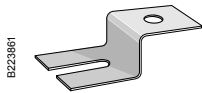
Luminaire bracket W50



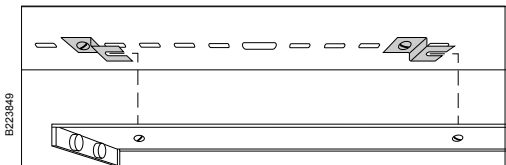
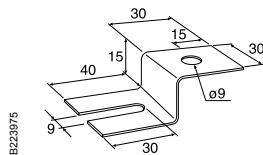
Luminaire bracket to be used to mount lighting fixtures between two parallel Cable trays W1/W3 or Lighting trunking W70/W71. Dimension A (* height) is specified when ordering and is depending on the height of the lighting fixture.



Luminaire bracket W35

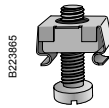


Luminaire bracket to be used to fix centralized lighting fixtures under Lighting trunking W70/W71.

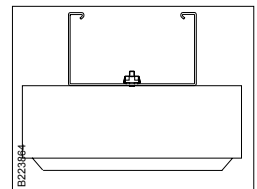
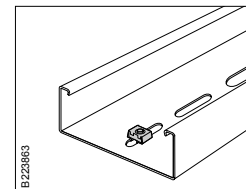
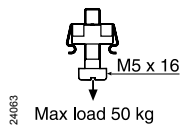


Mounted in the rail's module holes with Screw set W36/W36C or W34.
Note! The fork openings must be mounted in the same direction.

Luminaire bracket W55



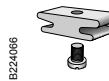
Luminaire bracket to be used to mount lighting fixtures under Lighting trunking W70/W71.



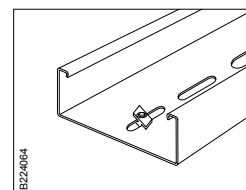
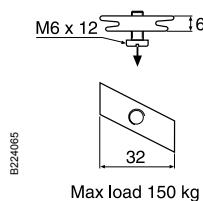
Mounted in the mounting holes in Lighting trunking W70.

Always mount the Luminaire bracket W55 from above so that it rests in the tray.

Luminaire bracket W56

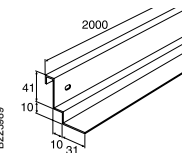
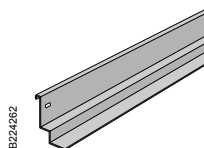


Used for installation of light fixtures in Lighting trunking W71.

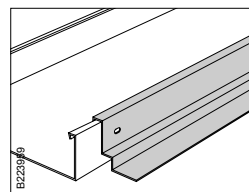


Always mount the Luminaire bracket W56 from above so that it rests in the tray.

Shade ledge W26/40

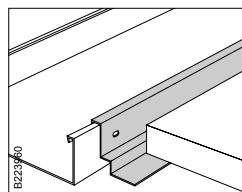


B223889



B223889

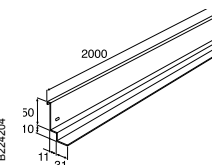
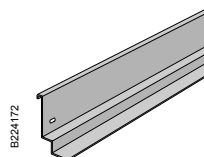
Shade ledge W26/40 is hung over the side edge of the cable tray.



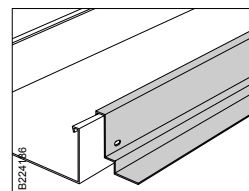
B223889

Shade edge W26/40 is used as a support for ceilings mounted between cable trays. Also suitable for Lighting trunking W70/W71. Mounted along the side edges of the cable tray or the lighting trunking.

Shade ledge W26/60

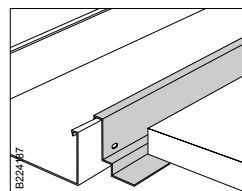


B224204



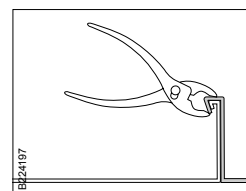
B224186

Shade ledge W26/60 is hung over the side edge of the cable tray.



B224187

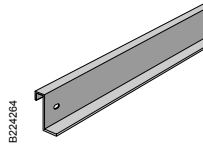
Shade edge W26/60 is used as a support for ceilings mounted between cable trays. Mounted along the side edges of the cable tray.



B224197

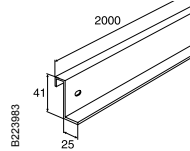
Shade list W26/40 and W26/60 can be locked tight in the tray by pinching the ends in under the tray edge with pliers.

Integrated ceiling support channel W27/40

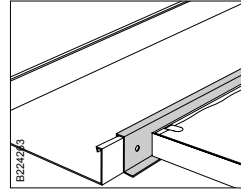


B224264

Integrated support channel to be used as a support for false ceilings mounted between cable trays with system height 40 mm. Suspended over the lateral side of the cable tray. Also suitable for Lighting trunking W70/W71.

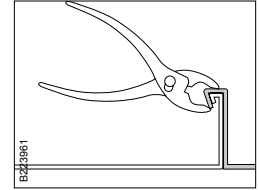


B223983



B224263

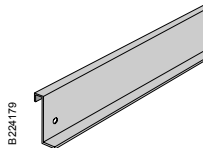
Integrated ceiling support channel W27/40 is hung over and mounted along the side edge of the cable tray and is used as a support for ceilings mounted between cable trays. Also suitable for Lighting trunking W70/W71.



B223981

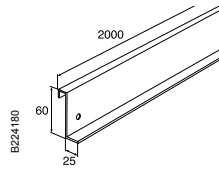
Integrated ceiling support channel W27/40 is locked tight in the tray by pinching the ends in under the tray edge with pliers.

Integrated ceiling support channel W27/60

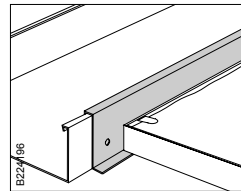


B224179

Integrated support channel to be used as a support for false ceilings mounted between cable trays with system height 60 mm. Suspended over the lateral side of the cable tray.

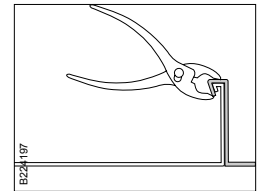


B224180



B224186

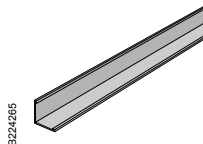
Integrated ceiling support channel W27/60 is used as a support for ceilings mounted between cable trays. Mounted along the side edge of the cable tray.



B224187

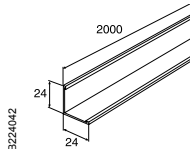
Integrated ceiling support channel W27/40 and W27/60 can be locked tight in the tray by pinching the ends in under the tray edge with pliers.

Angle strip W46

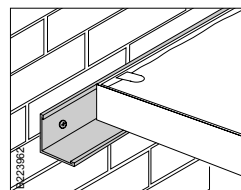


B224265

Angle strip to be used as a support for installations of false ceilings. To be mounted directly onto a wall, or to the construction of the building.

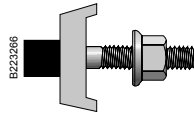


B224042



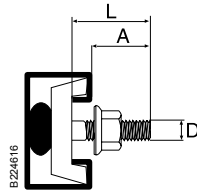
B223982

Angle strip W46 is mounted directly onto wall, column or similar as a support for baffles or ceiling lamina.



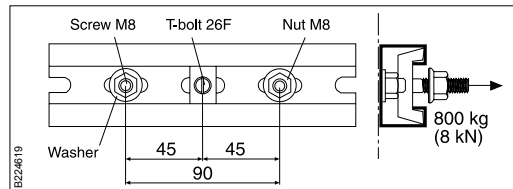
T-bolt 26F

T-bolt to be used for mounting with all vertical pieces (except Vertical piece 2) and with Pendant fixing rail 24/48.

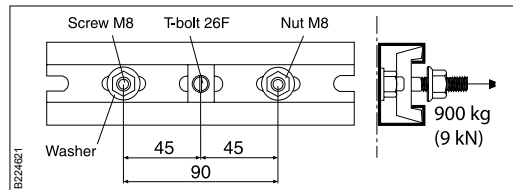


Type	L mm	A mm
M8	30	24
M10	30	24
M10	40	34
M8	50	44
M10	50	44

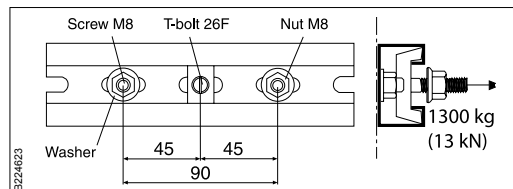
Max permitted extraction force



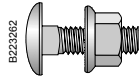
T-bolt 26F M8/M10 + P/F-rail 24/48 + Washer 8,4x19x1,5



T-bolt 26F M8 + P/F-rail 24/48 + Washer 9x35x2



T-bolt 26F M10 + P/F-rail 24/48 + Washer 9x35x2



Screw set 22S

Screw set to be used for installation of Ceiling bracket 5 on Pendant/fixing rails 24/34 and 24/48, Angle bracket 5L against the back of Pendant/fixing rails, Pendant/fixing rails back to back. Set including screw MVBF 8x16 and nut M6MF8.



Screw set W34

Screw set to be used for mounting of Angle bracket W8 onto Pendant rail W32 and for joining of W4 Installation trays. Set including screw MSCS 6x12 and nut M6MF6.



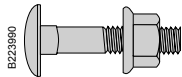
Screw set W36

Screw set including bolt and nut M8 to be used for the mounting of single Pendant attachment W21 or on Support bracket/joint W7.



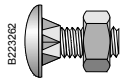
Screw set W36C

Screw set including bolt with slotted screw head and nut M8. To be used for the mounting of single Pendant attachment W21 or Tube pendant attachment W73 on Support bracket/joint W7.



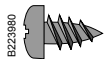
Screw set W37

Screw set including bolt MVBF 8x35 and nut M6MF 8, to be used for assembly of Pendant attachment W21 and Ceiling attachment W31 with Pendant rail W32, and for the joining of Pendant rail W32.



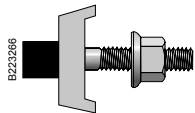
Screw set W38P

Screw set including screw and nut, to be used for the mounting of joints, bends, junctions, shade ledge W26 and integrated ceiling support channel W27. The patented screw set pierces through painted surfaces securing potential balancing. N.B. The joints must be unpainted.



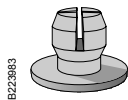
Screw W40

For locking of T-joint W29 in open junctions.



T-bolt 26F

T-bolt to be used for mounting with all vertical pieces (except Vertical piece 2) and with Pendant fixing rail 24/48.



Locking plug W41

Locking plug to be used for quick locking of joints, bends and branches in cable trays and lighting trunking.

Ref.no	716824	36	718645	27	724947	38	728989	34
705093	716824	57	718645	45	724948	38	728990	34
709021	716833	33	718645	55	724965	21	728991	34
709021	716834	59	718645	64	724966	21	728992	34
709021	716835	68	718711	29	725000	59	729015	36
709021	716836	72	718828	19	725079	28	729016	36
713153	716837	57	718828	37	725079	46	729017	36
713177	716911	58	718829	19	725083	28	729018	36
713178	716912	58	718829	37	725083	46	729019	36
713251	716913	16	718830	19	725084	70	729020	36
713252	716914	16	718830	37	725085	55	729021	36
713254	717001	16	718831	19	725085	65	729023	36
713256	717021	16	718831	37	725105	56	729027	47
713257	717022	16	718832	19	725106	56	729028	47
713258	717023	16	718832	37	725107	56	729029	48
713684	717024	33	718833	19	725108	56	729030	48
713684	717069	59	718833	37	725109	56	729031	48
713684	717069	68	718834	19	725110	56	729032	48
713685	717191	33	718834	37	725111	56	729033	48
713685	717192	59	718835	18	725112	56	729034	48
713685	717193	68	718903	58	725113	65	729041	47
713686	717194	33	718904	58	725114	65	729042	47
713686	717195	59	720520	25	725115	65	729043	47
713686	717196	68	720530	67	725116	65	729044	47
713687	717197	33	720531	67	725117	65	729045	66
713687	717198	59	720785	43	725118	65	729046	37
713687	717199	68	720822	16	725119	65	729047	37
713694	717200	54	720825	19	725120	65	729048	37
713694	717201	64	720970	29	725357	32	729049	37
713911	717202	25	720973	29	725358	32	729050	37
713912	717203	25	720979	26	725359	32	729051	37
713913	717204	25	720979	44	725360	32	729052	37
713914	717205	25	720984	16	725361	32	729053	37
713916	717637	25	720985	16	725362	31	729054	49
713917	717637	25	720990	19	725557	71	729055	46
713918	717640	25	721101	31	725558	71	729056	47
714008	717641	26	721102	32	725559	71	729057	47
714029	717642	66	721180	29	725560	71	729058	49
715646	717643	27	721184	21	725561	71	729059	48
715646	717644	45	721186	22	725562	71	729060	44
715650	717645	25	721188	22	725563	71	729061	46
715650	717903	43	721786	31	725564	71	729062	46
715879	717904	57	721868	27	725565	71	729063	49
716283	717905	66	721868	45	725566	71	729066	49
716284	717906	66	721943	29	725573	71	729094	38
716285	717907	66	723180	19	725574	71	729103	39
716286	717908	66	723196	21	725575	71	729104	39
716287	717909	66	723198	22	725576	71	729105	39
716293	717910	67	723200	22	725577	71	729106	39
716295	717911	67	723219	16	725578	71	729107	39
716303	717912	68	723226	23	725579	71	729108	39
716304	717913	68	723227	23	725580	72	729109	39
716306	717914	67	723228	23	725581	70	729126	41
716309	717915	67	723229	23	725582	70	729127	41
716407	717916	55	723230	23	725583	71	729128	41
716407	717917	64	723231	23	725584	71	729129	41
716474	717950	29	723232	23	725585	72	729130	41
716474	717990	47	723432	56	725586	70	729131	41
716475	717995	29	723433	56	725589	70	729132	41
716475	718036	47	723434	56	725618	70	729133	39
716477	718037	29	723436	56	725619	70	729134	39
716477	718038	47	723437	56	725620	70	729135	39
716478	718039	29	723438	56	725622	70	729136	39
716478	718040	47	723439	56	725623	70	729137	39
716479	718193	29	723440	65	725624	70	729138	39
716479	718205	47	723441	65	725625	70	729139	40
716630	718360	32	723442	65	725785	18	729140	40
716634	718361	28	723444	65	725786	36	729141	40
716640	718445	25	723445	65	726484	72	729142	40
716640	718446	43	723446	65	726485	72	729143	40
716792	718447	28	723447	65	726664	16	729144	40
716793	718448	28	723938	55	726665	16	729145	40
716794	718469	54	723938	65	726666	16	729146	40
716794	718469	64	723974	16	726667	16	729147	40
716795	718469	54	723975	16	726873	58	729148	40
716795	718469	64	723976	16	726874	49	729149	40
716796	718473	54	723977	16	726875	72	729150	40
716796	718473	64	724806	28	728071	32	729151	40
716797	718474	26	724806	46	728595	71	729152	40
716798	718477	32	724807	70	728596	70	729154	40
716799	718480	27	724942	38	728598	70	729155	40
716799	718556	45	724943	38	728883	58	729156	40
716816	718559	31	724944	38	728986	34	729157	40
716821	718608	32	724945	38	728987	34	729158	40
716824	718640	18	724946	38	728988	34	729177	42

729178	42	734455	55	735993	17	782055	22	782367	61
729179	42	734456	55	735999	60	782056	22	782368	61
729180	42	734457	55	736000	60	782057	22	782369	61
729181	42	734511	18	736001	60	782058	22	782370	61
729182	42	734512	18	736002	60	782059	22	782392	30
729183	42	734513	36	736003	60	782095	22	782393	30
729184	43	734514	36	736004	60	782096	22	782394	30
729185	43	734554	19	736005	60	782097	22	782395	30
729186	43	734555	19	736006	60	782098	22	782396	30
729187	43	734565	26	736603	17	782099	22	782397	30
729188	43	734565	44	736604	17	782100	22	782408	39
729189	43	734572	56	736605	17	782101	22	782409	39
729190	43	734573	56	736606	17	782102	22	782410	39
729191	43	734574	56	736607	17	782202	17	782411	39
729192	44	734575	56	736608	17	782203	17	782412	39
729193	44	734578	56	736609	17	782204	17	782413	39
729194	44	734579	56	736610	17	782205	17	782414	39
729201	39	734580	56	736613	50	782206	17	782415	39
730186	18	734581	56	736614	50	782207	17	782424	40
730186	36	734582	56	736615	50	782209	19	782425	40
730186	51	734583	56	736616	50	782210	19	782426	40
730186	61	734584	21	736617	50	782211	19	782427	40
730191	51	734585	21	736618	50	782212	19	782428	40
730247	25	734591	52	736619	50	782216	45	782429	40
731717	32	734592	52	736620	50	782217	20	782430	40
731719	57	734593	52	736633	35	782218	38	782431	40
731721	32	734594	52	736634	35	782267	19	782440	40
731724	67	734595	52	736635	35	782268	21	782441	40
731727	71	734596	52	736636	35	782269	21	782442	40
731730	24	734597	52	736637	35	782270	21	782443	40
731731	24	734598	52	736638	35	782271	21	782444	40
731732	24	734599	52	736639	35	782272	21	782445	40
731733	24	734617	54	736640	35	782273	21	782446	40
731734	24	734618	58	737504	34	782274	21	782447	40
731735	24	734619	57	737505	34	782275	21	782458	21
731736	24	734620	57	737506	34	782276	23	782459	21
731747	51	734622	51	737537	35	782277	23	782460	22
731963	25	734646	54	737538	35	782278	23	782461	22
731964	43	734646	64	737539	35	782279	23	782462	22
732177	31	734744	54	737540	35	782280	23	782463	22
732214	18	734744	64	737541	35	782281	23	782471	39
732215	18	734864	27	737542	35	782282	23	782472	39
732216	18	734864	45	737543	35	782283	23	782473	39
732217	18	734983	27	737544	35	782284	25	782474	39
732218	18	734983	45	737545	35	782285	25	782475	39
732219	18	734986	70	739713	49	782286	25	782476	39
732220	18	735177	27	739713	68	782287	25	782477	39
732221	18	735388	17	768063	58	782288	25	782478	39
732262	51	735389	17	768738	56	782289	25	782593	41
732263	51	735390	17	780162	30	782290	25	782594	41
732264	51	735391	17	780163	30	782292	24	782595	41
732265	51	735392	17	780855	48	782293	24	782596	41
732266	51	735393	17	780856	48	782294	24	782597	41
732267	51	735394	17	781334	34	782295	24	782598	41
732268	51	735395	17	781335	34	782296	24	782599	41
732269	51	735396	17	781336	34	782297	24	782600	41
732983	51	735400	50	781337	34	782298	24	782614	43
733090	31	735401	50	781338	34	782299	18	782615	43
733258	54	735402	50	781339	34	782306	35	782616	43
733258	64	735403	50	781340	34	782307	35	782617	43
733480	21	735404	50	781999	16	782308	35	782618	43
733485	22	735405	50	782000	16	782309	35	782619	43
733486	49	735406	50	782001	16	782310	35	782620	43
733487	57	735407	50	782011	34	782311	35	782659	43
733498	23	735408	50	782012	34	782318	37	782661	44
733499	23	735412	60	782013	34	782319	37	782662	44
734101	53	735413	60	782014	34	782320	37	782695	33
734102	53	735414	60	782015	34	782321	37	782696	33
734103	53	735415	60	782016	34	782322	37	782850	62
734104	53	735416	60	782017	34	782323	37	782851	62
734105	53	735417	60	782038	21	782324	37	782852	62
734106	53	735418	60	782039	21	782325	37	782853	62
734107	53	735419	60	782040	21	782330	37	782854	62
734108	53	735420	60	782041	21	782332	29	782855	62
734109	53	735977	50	782042	21	782333	29	782856	62
734134	36	735978	50	782043	21	782334	29	782857	62
734211	43	735979	50	782044	21	782335	29	782858	62
734227	25	735980	50	782045	21	782336	29	783000	64
734228	43	735981	50	782046	16	782337	29	783001	64
734401	29	735982	50	782047	16	782342	29	783002	64
734402	29	735988	17	782048	34	782343	29	783003	64
734403	29	735989	17	782049	34	782363	61	783004	64
734452	55	735990	17	782052	22	782364	61	783005	64
734453	55	735991	17	782053	22	782365	61	783006	64
734454	55	735992	17	782054	22	782366	61	783007	64

783018	66	783600	62	784063	28	787276	57	793586	42
783019	66	783601	62	784063	46	787277	66	793587	54
783020	66	783602	62	784064	28	787278	71	793588	54
783021	66	783603	62	784064	46	787436	24	793589	54
783022	66	783604	62	784073	21	787437	24	793590	54
783023	66	783605	62	784074	21	787438	42	793591	54
783030	54	783606	62	784075	21	787439	42	793592	54
783031	54	783607	62	784076	21	787442	24	793593	54
783032	54	783608	62	784077	21	787443	24	793594	54
783033	54	783620	62	784078	21	787444	42	793595	54
783034	54	783621	62	784079	21	787445	42	793596	54
783035	54	783622	62	784080	21	788572	19	793597	63
783036	54	783623	62	784081	52	788573	51	793598	63
783037	54	783624	62	784082	52	788574	37	793599	63
783040	63	783625	62	784083	52	788575	61	793600	63
783041	63	783626	62	784084	52	789875	33	793601	63
783042	63	783627	62	784085	52	789875	59	793602	63
783043	63	783628	62	784086	52	789875	68	793603	63
783044	63	783640	63	784087	52	789875	72	793604	63
783045	63	783641	63	784088	52	790067	50	793605	63
783046	63	783642	63	784089	23	790071	60	793606	63
783047	63	783643	63	784090	23	790231	61	793607	24
783048	63	783644	63	784091	23	790984	20	793608	24
783060	65	783645	63	784092	23	790985	20	793609	24
783061	65	783646	63	784093	23	790986	20	793610	24
783062	65	783647	63	784094	23	790987	20	793611	24
783063	65	783648	63	784095	23	790988	20	793612	24
783064	65	783660	52	784096	23	790989	20	793613	24
783065	65	783661	52	784097	53	790990	20	793614	24
783066	66	783662	52	784098	53	791205	28	793615	42
783067	66	783663	52	784099	53	791207	46	793616	42
783068	66	783664	52	784100	53	791273	51	793617	42
783069	66	783665	52	784101	53	791274	51	793618	42
783107	67	783666	52	784102	53	791275	51	793619	42
783120	67	783667	52	784103	53	791276	51	793620	42
783122	67	783668	52	784104	53	791277	51	793621	42
783124	68	783670	52	784105	41	791278	51	793622	42
783126	68	783671	52	784106	41	791279	51	793669	63
783128	61	783672	52	784107	41	791280	51	793670	63
783130	64	783673	52	784108	41	791281	51	793671	63
783166	47	783674	52	784109	41	791282	61	793672	63
783167	47	783675	52	784110	41	791283	61	793673	63
783168	47	783676	52	784111	41	791284	61	793674	63
783169	47	783677	52	784112	41	791285	61	793675	63
783170	47	783678	52	784113	39	791286	61	793676	63
783171	47	783680	53	784114	39	791287	61	793677	62
783178	20	783681	53	784115	39	791288	61	793678	62
783179	20	783682	53	784116	39	791289	61	793679	62
783180	20	783683	53	784117	39	791290	61	793680	62
783181	20	783684	53	784118	39	791412	30	793681	62
783182	20	783685	53	784119	39	791413	30	793682	62
783183	20	783686	53	784120	39	791414	30	793683	62
783184	20	783687	53	786771	42	791415	30	793684	62
783185	38	783688	53	786772	42	791416	48	1149405	28
783186	38	783753	47	786773	42	791417	48	1149405	46
783187	38	783754	47	786774	42	791418	48	1149456	28
783188	38	783884	69	786775	42	791419	48	1149456	46
783189	38	783885	69	786776	42	792554	31	1149464	28
783190	38	783886	69	786777	42	792723	31	1149464	46
783191	38	783887	69	786792	30	792724	31	1149466	28
783470	69	783888	69	786793	48	792725	31	1149466	46
783471	69	783889	69	786831	16	792726	31	1149551	70
783472	69	783890	69	786832	16	792727	32	1149552	70
783473	69	783891	69	786833	34	792728	32	1149554	70
783474	69	783900	69	786834	34	792729	32	1149561	70
783475	69	783901	69	786837	19	792895	59	1149562	70
783476	69	783902	69	786838	37	792934	28	1149564	70
783477	69	783903	69	786873	36	792934	46	CSU734698	55
783487	69	783904	69	787188	39	792935	28	CSU734698	65
783500	27	783905	69	787189	39	792935	46	CSU794123	18
783500	45	783906	69	787192	40	793571	24	CSU794124	18
783504	48	783907	69	787193	40	793572	24	CSU794125	18
783505	48	783908	53	787196	40	793573	24	CSU794184	36
783506	48	783909	53	787197	40	793574	24	CSU794185	36
783507	48	783910	53	787211	33	793575	24	CSU794186	36
783508	48	783911	53	787211	49	793576	24	CSU794528	50
783509	48	783912	53	787211	59	793577	24	CSU794529	50
783587	30	783913	53	787211	68	793578	24	CSU794531	60
783588	30	783914	53	787211	72	793579	42	CSU794532	60
783589	30	783915	53	787227	35	793580	42	CSU794697	55
783590	30	783916	53	787228	35	793581	42	CSU794697	65
783591	48	784061	28	787229	35	793582	42	CSU794699	55
783592	48	784062	28	787230	35	793583	42	CSU794699	65
783593	48	784062	28	787231	35	793584	42	CSU794715	55
783594	48	784062	46	787232	35	793585	42	CSU794715	65

* Make the most of your energy

Schneider Electric Industries SAS
35 rue Joseph Monier
92500 Rueil-Malmaison
France
www.schneider-electric.com

As standards, specifications and designs change from time to time, please ask for confirmation of the information given in this publication.



This document has been printed
on ecological paper

Publishing: Schneider Electric Industries SAS
Design:
Illustrations:
Photos:
Printing: