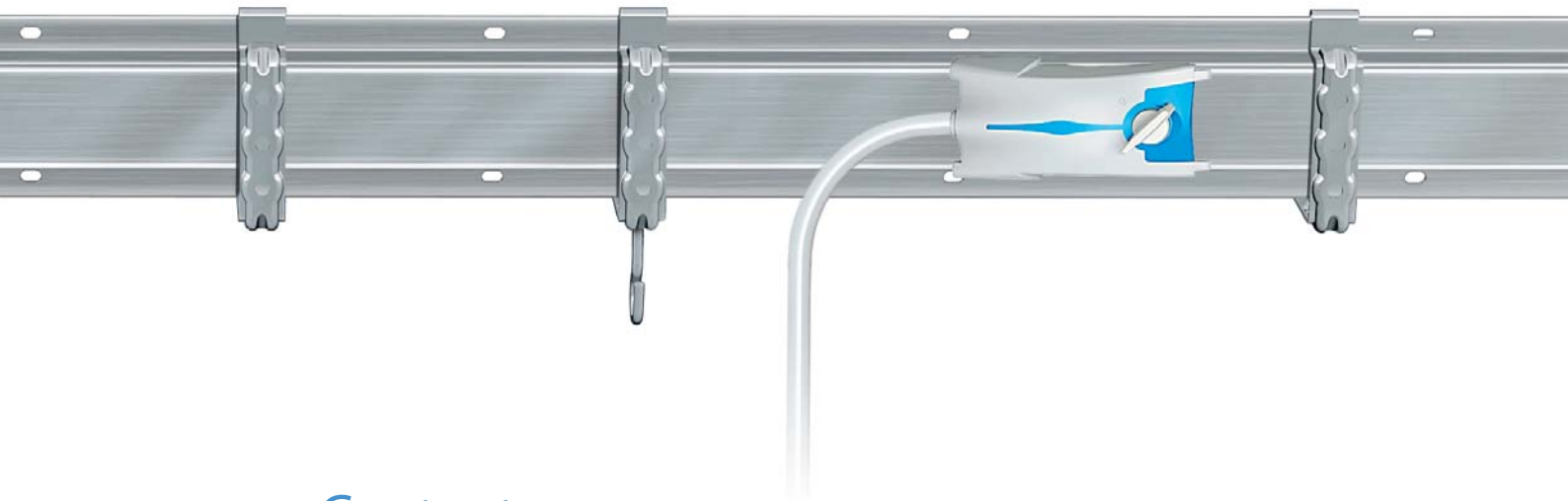


BUSBAR  
TRUNKING SYSTEMS  
25 - 63 A





## Contents

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# LIGHT AND POWER. THE SOLUTION

THAT COMES FROM ABOVE

A winning solutions  
delivering simplicity  
and performance

**LB PLUS** is the new range of Zucchini busbars for the distribution of power, from 25 to 63 A. With a single product, Zucchini replaces the LB, HL, and SL ranges, offering a busbar that is simpler, better performing, and easier to install.



SHOPPING CENTRES, STORES,  
OFFICES...



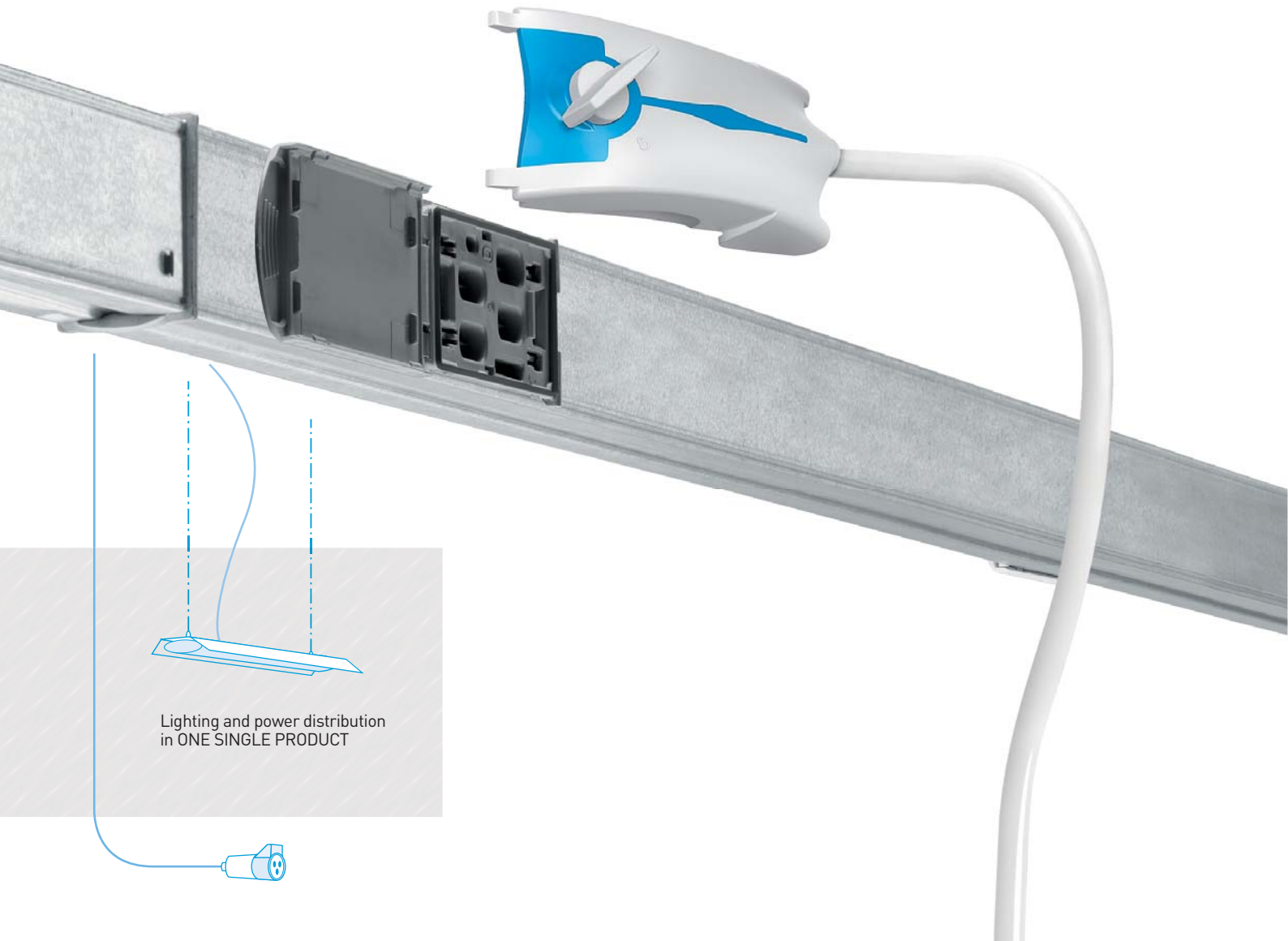
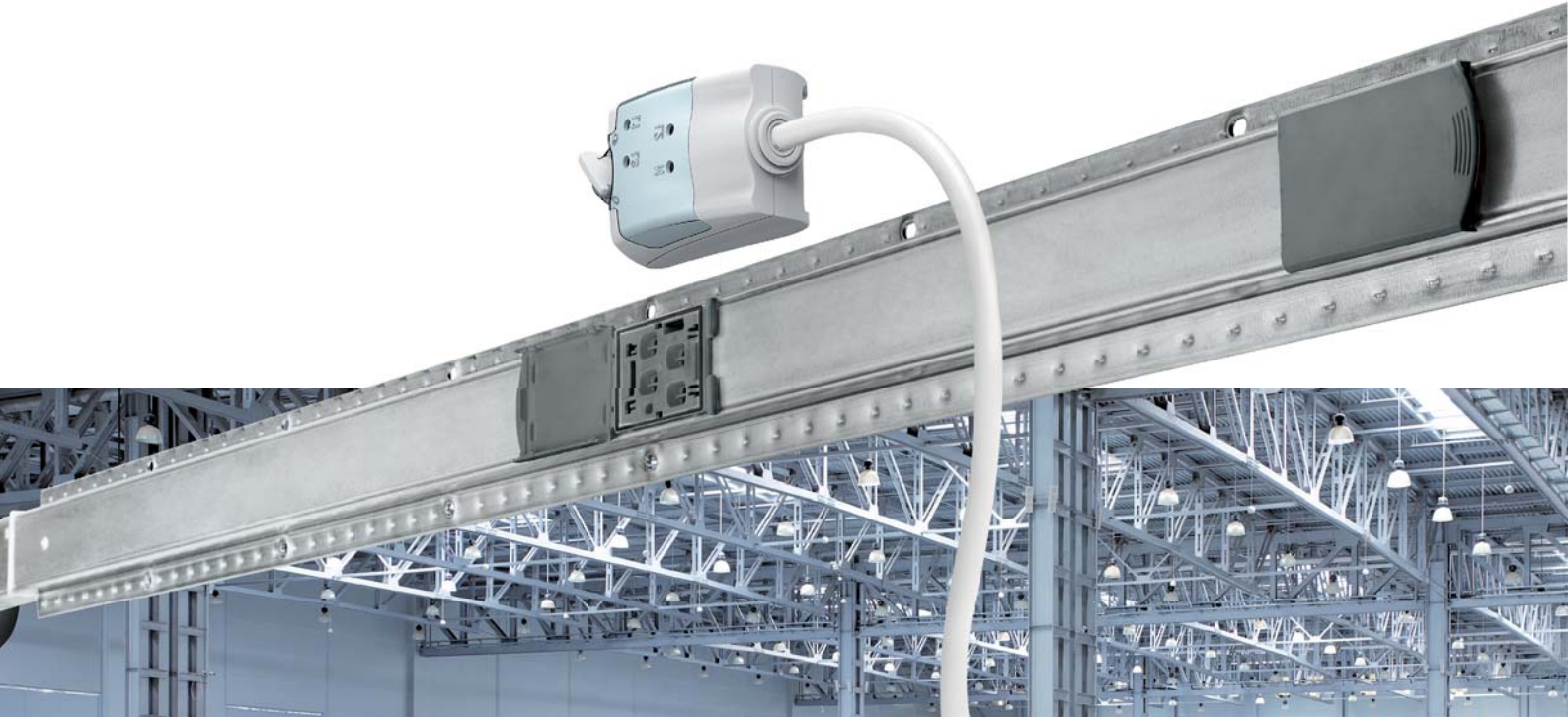
WAREHOUSES, GYMS,  
UNDERGROUND CAR PARKS...



HOSPITALS, LABORATORIES...



WORKSHOPS, MAINTENANCE  
& REPAIR FACILITIES,  
PRODUCTION SITES...



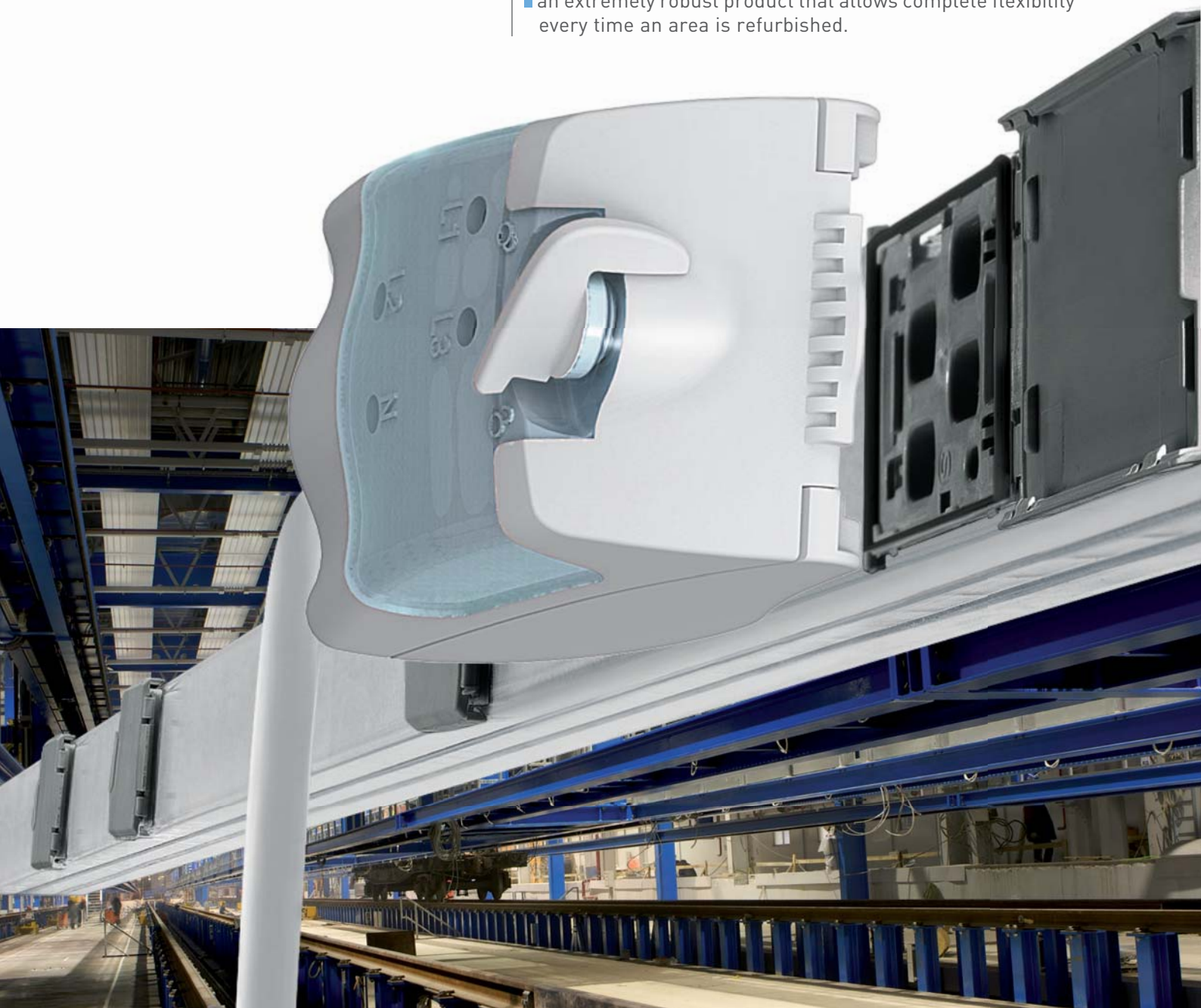
Lighting and power distribution  
in ONE SINGLE PRODUCT

# THE ENHANCED LB PLUS RANGE




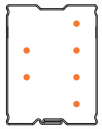
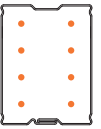
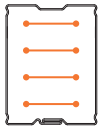

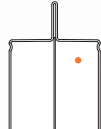
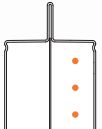
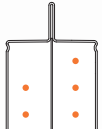
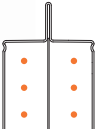
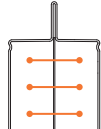
Many advantages  
within one single  
product line

With **LB PLUS**

- it is possible to meet all lighting and power demands up to 63 A;
- 10, 16 and 32 A tap-offs available;
- increased functionality; fewer part numbers make up the complete range, with common accessories for all versions;
- an extremely robust product that allows complete flexibility every time an area is refurbished.





		252	254 - 404	256	258 - 408	634
	distance between suspension brackets	2 conductors 25A	4 conductors 25-40A	6 conductors 25A	8 conductors 25-40A	4 conductors 63A
TYPE A	 up to 3 m					
TYPE B	 up to 7 m					

# SIMPLIFIED INSTALLATION

## FOR INCREASED PERFORMANCE



SUSPENSION CABLE

HOOK FOR SUSPENSION of light fittings

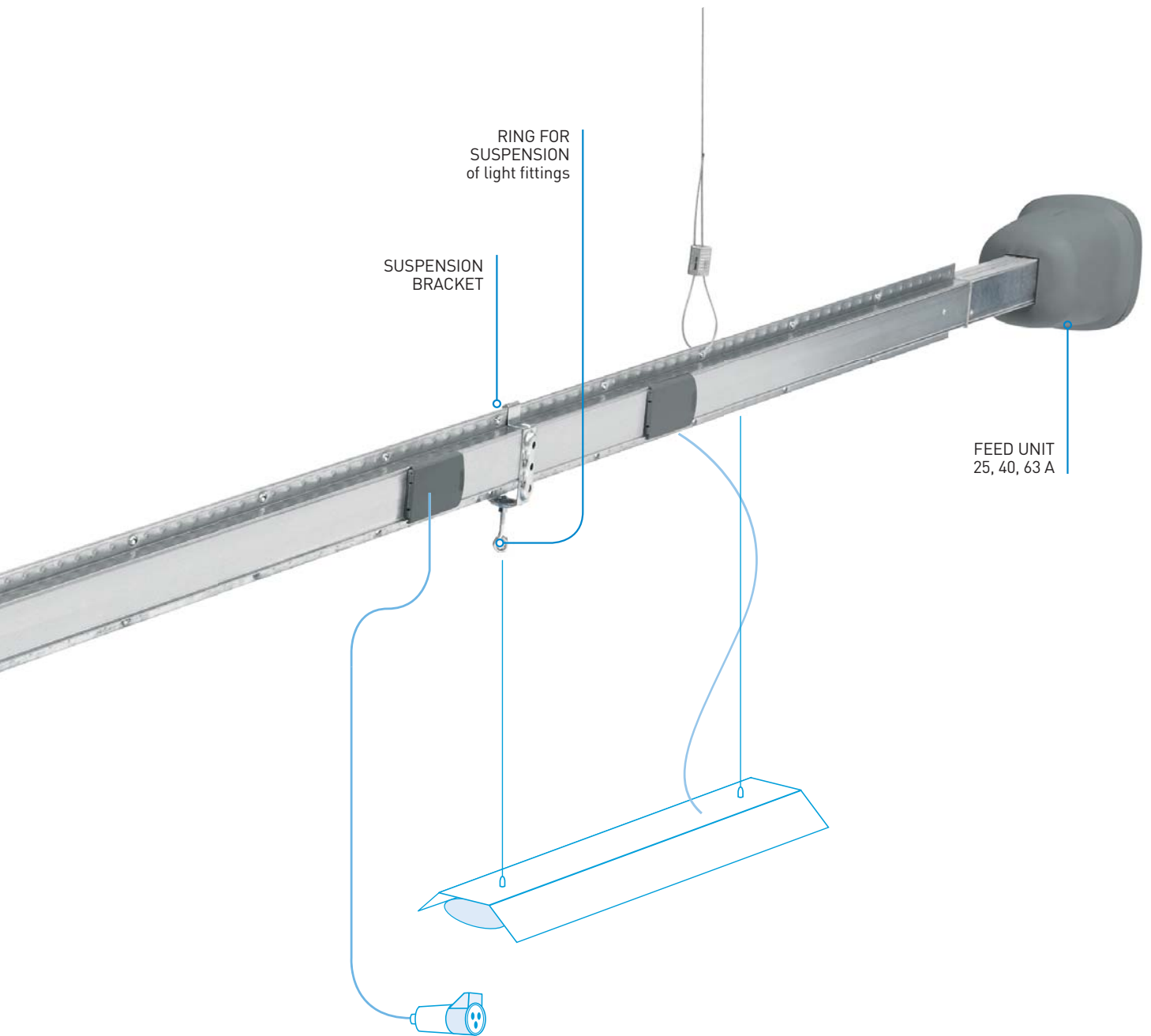
TAP-OFF PLUGS up to 32 A, with spring clamp contacts

PLUG-OUTLET COVER IP55 hinged and unlooseble

End cover IP55

- Plug-outlet covers, hinged and unlooseble covering the tap-off outlets
- Feed units and end covers in one part number
- Plugs identified by colours and fitted with spring clamp contacts
- Fool proof plug installation with positioning pin
- Degree of impact-resistance IK 07
- Protection index IP55





**BRACKETS**

- Ceiling or wall installation
- Can be positioned anywhere on straight length, even over unused tap-off outlets



**NEW TAP-OFF PLUGS**

- Can be moved when the bar is energised
- With spring clamp contacts
- Self-extinguishing plastic components
- IP55 without using additional accessories
- Can be fitted with positioning pin to ensure tap-off can only access the correct side of a double-sided bar

# CATALOGUE

## STRAIGHT LENGTHS - TYPE A



75160102

- Rigid galvanised steel casing.
- Conductors insulated with self extinguishing plastic (IEC 60695-2-12 and V0 according to UL94).
- Standard tap-off outlets with captive IP55 plug-outlet covers.
- Protection index IP55.
- Impact resistance: IK07.

## STRAIGHT LENGTHS - TYPE B



75360102H

- Reinforced highly rigid galvanised steel casing.
- Conductors insulated with self extinguishing plastic ZH (zero halogene)
- Standard tap-off outlets with captive IP55 plug-outlet covers.
- Mechanical separation of the 2 sides of the bar, (6 and 8 conductors version).
- Protection index IP55.
- Impact resistance: IK07.

### STRAIGHT LENGTHS

#### 25 A 2-CONDUCTOR VERSION (252)

Item	Length (m)	No. of outlets	Weight (kg)
75150101	3	2	3.0

#### 25 A 4-CONDUCTOR VERSION (254)

Item	Length (m)	No. of outlets	Weight (kg)
75160101	3	2	3.1
75160102	3	4	3.2

#### 25 A 6-CONDUCTOR VERSION (256)

Item	Length (m)	No. of outlets	Weight (kg)
75170101	3	2+2	3.65

#### 25 A 8-CONDUCTOR VERSION (258)

Item	Length (m)	No. of outlets	Weight (kg)
75180101	3	2+2	3.75
75180102	3	4+4	3.85

#### 40 A 4-CONDUCTOR VERSION (404)

Item	Length (m)	No. of outlets	Weight (kg)
75200101	3	2	3.55
75200102	3	4	3.65
75200111	1.5	2	2.0

#### 40 A 8-CONDUCTOR VERSION (408)

Item	Length (m)	No. of outlets	Weight (kg)
75220101	3	2+2	4.7
75220102	3	4+4	4.8
75220111	1.5	1+1	2.5

#### 63 A 4-CONDUCTOR VERSION (634)

Item	Length (m)	No. of outlets	Weight (kg)
75240101	3	2+2	4.7
75240102	3	4+4	4.8
75240111	1.5	1+1	2.5

### STRAIGHT LENGTHS

#### 25 A 2-CONDUCTOR VERSION (252)

Item	Length (m)	No. of outlets	Weight (kg)
75350102H	3	4	5.45

#### 25 A 4-CONDUCTOR VERSION (254)

Item	Length (m)	No. of outlets	Weight (kg)
75360102H	3	4	5.55
75360103H	3	6	5.6

#### 25 A 6-CONDUCTOR VERSION (256)

Item	Length (m)	No. of outlets	Weight (kg)
75370101H	3	4+4	6.1

#### 25 A 8-CONDUCTOR VERSION (258)

Item	Length (m)	No. of outlets	Weight (kg)
75380101H	3	4+4	6.2
75380102H	3	6+6	6.35

#### 40 A 4-CONDUCTOR VERSION (404)

Item	Length (m)	No. of outlets	Weight (kg)
75400102H	3	4	6.0
75400103H	3	6	6.1
75400111H	1.5	2	3.2

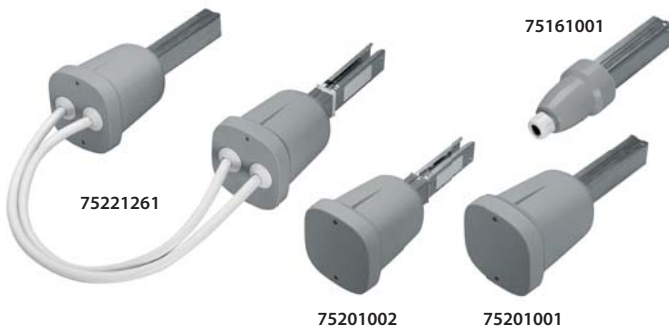
#### 40 A 8-CONDUCTOR VERSION (408)

Item	Length (m)	No. of outlets	Weight (kg)
75420101H	3	4+4	7.1
75420102H	3	6+6	7.3
75420111H	1.5	1+1	3.7

#### 63 A 4-CONDUCTOR VERSION (634)

Item	Length (m)	No. of outlets	Weight (kg)
75440101H	3	4+4	7.1
75440102H	3	6+6	7.3
75440111H	1.5	1+1	3.7

## FEED UNIT AND FLEXIBLE JOINT



Allows electrical powering of the LB PLUS busbar.  
 With terminals for the connection of flexible or solid copper wire cables.  
 Delivered with corresponding cable glands.  
 Right feed unit + right end cap  
 Left feed unit + left end cap  
 The centre feed unit can be used to power the busbar from an intermediate point of the line, reducing the voltage drop at the end of the line and/or facilitating the installation when the power supply point is near the centre of the line.

### FEED UNIT

25 A 4-CONDUCTOR VERSION		
Item	Description	Weight (kg)
75161001	RH feed unit + RH end cover	0.45

40 A 4-CONDUCTOR VERSION		
Item	Description	Weight (kg)
75201001	RH feed unit + RH end cover	0.85
75201002	LH feed unit + LH end cover	1.2
75201151*	Centre feed unit	4.0

40 A 8-CONDUCTOR VERSION		
Item	Description	Weight (kg)
75221001	RH feed unit + RH end cover	0.9
75221002	LH feed unit + LH end cover	1.2
75221151*	Centre feed unit	4.15

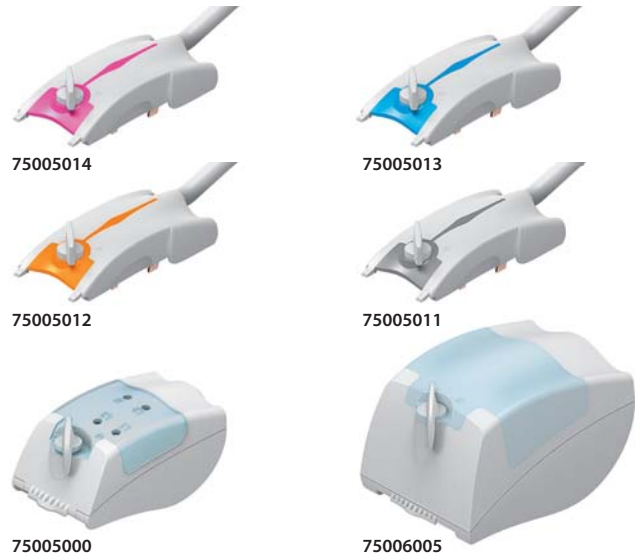
63 A 4-CONDUCTOR VERSION		
Item	Description	Weight (kg)
75241001	RH feed unit + RH end cover	0.9
75241002	LH feed unit + LH end cover	1.2
75241151*	Centre feed unit	4.25

### FLEXIBLE JOINT

Item	Description	Weight (kg)
75201261	25/40 A 4-conductor version	2.25
75221261	25/40 A 8-conductor version	2.35
75241261	63 A 4-conductor version	2.45

\* Centre feed units are supplied with both end caps (left and right).

## TAP-OFF PLUGS



### FIXED PHASE SINGLE PHASE TAP-OFF PLUGS

Item	Description	Weight (Kg)
75005011	10 A plug with 1 m cable L1-N H05VVF	0.16
75005012	10 A plug with 1 m cable L2-N H05VVF	
75005013	10 A plug with 1 m cable L3-N H05VVF	
75005014	10 A plug with 1 m cable L-N2 H05VVF	

75005021	10 A plug with 3 m cable L1-N H05VVF	0.38
75005022	10 A plug with 3 m cable L2-N H05VVF	
75005023	10 A plug with 3 m cable L3-N H05VVF	
75005024	10 A plug with 3 m cable L-N2 H05VVF	

75005061	10 A plug with 1 m cable L1-N FG7OM1	0.2
75005062	10 A plug with 1 m cable L2-N FG7OM1	
75005063	10 A plug with 1 m cable L3-N FG7OM1	
75005064	10 A plug with 1 m cable L-N2 FG7OM1	

75005071	10 A plug with 3 m cable L1-N FG7OM1	0.48
75005072	10 A plug with 3 m cable L2-N FG7OM1	
75005073	10 A plug with 3 m cable L3-N FG7OM1	
75005074	10 A plug with 3 m cable L-N2 FG7OM1	

### PHASE SELECTION TAP-OFF PLUGS

Item	Description	Weight (Kg)
75005000	16 A plug - phase selection	0.12
75005100	16 A plug + 1x(5x20) - phase selection	0.13
75005200	16 A plug + 1x(CH8) - phase selection	0.13
75005220	16 A plug + 1x(CH8) - phase selection + 3m H05VVF CABLE	0.64
75005270	16 A plug + 1x(CH8) - phase selection + 3m FG7OM1 CABLE	0.68

### THREE-PHASE TAP-OFF PLUGS

Item	Description	Weight (Kg)
75005005	16 A plug	0.13
75006005	32 A plug	0.42
75006205	32 A plug + 3x(CH10)	0.43

### ACCESSORIES

Item	Description
75105000	16 A mobile contact
75105001	plug kit code

With the addition of 2 mobile contacts (75105000), item 75005000 can be transformed to three-phase.

## Brackets and accessories



75003000



75003004



75003005



75003002

75003001



75003006



71000104

### BRACKETS

Item	Description	Weight (kg)
75003000	60 kg suspension bracket (type A)	0.045
75003004	60 kg suspension bracket (type B)	0.045
75003001	Hook for lamp	0.015
75003002	Ring	0.015
75003005	Pigtail for chain	0.015
75003006	Bracket for cable channel	0.135
75003008	5 m steel cable with self locking clamp	0.085
75003009	Bracket with 3 m steel cable	0.05

### ACCESSORIES

Item	Description	Weight (kg)
71000104	PVC cable channel with cover (3 m)	0.884
755001	Cablofil wire cable tray (3 m)	1.5

Codes 75003001-2-5 must always be used with brackets 75003000 or 75003004, depending on the TYPE of busbar.

Item 75003006 must always be used with brackets 75003000 or 75003004 depending on the TYPE of busbar and cable channel 71000104.

Bracket 75003000 can be used for the suspension of the line and the suspension of light fittings at the same time, while bracket 75003004 may only perform one of the two functions, depending on its rotation.

## INSTALLATION METHODS

For suspension, the bracket must be fitted with a range of appropriate accessories, which must be added according to the installation requirements.

### CEILING SUSPENSION OF THE BAR

#### LB PLUS - TYPE A

##### • PIGTAIL + CHAIN

This solution is possible by ordering suspension bracket item 75003000 and accessory 75003005, preset for the connection of a chain.



##### • BRACKET + CABLE

This solution is already supplied as a kit (item 75003009), consisting of a suspension bracket and a 3 m steel cable.



#### LB PLUS - TYPE B

##### • 5 m CABLE

This accessory (item 75003008) allows the suspension of the reinforced (type B) straight lengths using the slots along the reinforcement plate at the top of the bar.



### SUSPENSION OF LIGHT FITTINGS

#### LB PLUS - TYPE A and B

For the suspension of light fittings, use hook 75003001 or ring 75003002. These accessories can be installed on the brackets used for the suspension of the busbar (items 75003000 and 75003004).



# Contents

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Technical information	Technical data table	14
	Quick selection table	16
	Dimensional data	18

# TECHNICAL DATA TABLE

## TECHNICAL DATA

Number of live conductors	
Casing overall dimensions	LxH [mm]
Rated current	In [A]
Section of protective conductor*	S <sub>PE</sub> [mm <sup>2</sup> ]
Section of protective conductor * eq.Cu	S <sub>PE</sub> (=Cu) [mm <sup>2</sup> ]
Operating voltage	U <sub>e</sub> [V]
Insulation voltage	U <sub>i</sub> [V]
Frequency	f [Hz]
Rated short-time current (0.1 s)	I <sub>cw</sub> [kArms]
Allowable peak current	I <sub>pk</sub> [kA]
Thermal limit	I <sup>2</sup> t [A <sup>2</sup> s x 10 <sup>6</sup> ]
20 °C phase resistance	R <sub>20</sub> [mΩ/m]
Phase resistance at thermal conditions	R <sub>t</sub> [mΩ/m]
Phase reactance (50Hz)	X [mΩ/m]
Phase impedance	Z [mΩ/m]
Resistance of the protective conductor*	R <sub>PE</sub> [mΩ/m]
Reactance of the protective conductor (50Hz)	X <sub>PE</sub> [mΩ/m]
Resistance of the fault loop	R <sub>o</sub> [mΩ/m]
Reactance of the fault loop (50Hz)	X <sub>o</sub> [mΩ/m]
Impedance of the fault loop	Z <sub>o</sub> [mΩ/m]
Voltage drop with distributed load	ΔV 10 <sup>-3</sup> cosφ = 0.70 [V/m/A]
	ΔV 10 <sup>-3</sup> cosφ = 0.75 [V/m/A]
	ΔV 10 <sup>-3</sup> cosφ = 0.80 [V/m/A]
	ΔV 10 <sup>-3</sup> cosφ = 0.85 [V/m/A]
	ΔV 10 <sup>-3</sup> cosφ = 0.90 [V/m/A]
	ΔV 10 <sup>-3</sup> cosφ = 0.95 [V/m/A]
	ΔV 10 <sup>-3</sup> cosφ = 1.00 [V/m/A]
Weight	p [kg/m]
Fire load	[kWh/m]
Protection index	IP
Degree of impact-resistance	IK
Joule effect losses at rated current	P [W/m]
Ambient temperature min./MAX.	t [°C]

\*(metal casing)

$$\Delta V1F = \frac{1}{2} (2 R_{20} \cos\phi + 2 X \sin\phi)$$

$$\Delta V3F = \frac{\sqrt{3}}{2} (R_{20} \cos\phi + X \sin\phi)$$

### Short circuit protection for Zucchini's product ranges (In≤100A)

Zucchini busbar trunking systems with a rated current lower than or equal to 100A (LB PLUS-LB-HL-SL-MS 63 and 100) are properly protected through an MCB (Modular Circuit Breaker) with a rated current lower than or equal to that of the busbar. This protection is guaranteed up to the MCB breaking capacity.

Product fully in compliance with IEC EN 60439-2

## LB PLUS - TYPE A

252	254	256	258	404	408	634
2	4	6	8	4	8	4
35 x 46	35 x 46	35 x 46	35 x 46	35 x 46	35 x 46	35 x 46
25	25	25	25	40	40	63
91.45	91.45	91.45	91.45	91.45	91.45	91.45
11	11	11	11	11	11	11
400	400	400	400	400	400	400
690	690	690	690	690	690	690
50/60	50/60	50/60	50/60	50/60	50/60	50/60
2.2	2.2	2.2	2.2	2.7	2.7	2.7
4.4	4.4	4.4	4.4	5.4	5.4	5.4
0.484	0.484	0.484	0.484	0.729	0.729	0.729
5.278	5.278	5.278	5.278	5.278	2.891	2.891
6.798	6.798	6.798	6.798	3.793	3.793	3.399
1.114	1.279	1.279	1.114	1.279	0.770	0.637
5.394	5.431	5.431	5.394	5.431	2.992	2.715
0.203	0.203	0.203	0.203	0.203	0.203	0.203
1.100	1.100	1.000	1.000	1.100	1.000	1.000
5.482	5.482	5.482	5.482	3.094	3.094	2.843
2.214	2.379	2.279	2.279	1.870	1.770	1.637
5.912	5.976	5.936	5.936	3.615	3.565	3.280
4.81	3.99	3.99	3.89	3.99	2.23	1.99
5.05	4.16	4.16	4.07	4.16	2.32	2.08
5.29	4.32	4.32	4.24	4.32	2.40	2.16
5.51	4.47	4.47	4.39	4.47	2.48	2.23
5.72	4.60	4.60	4.53	4.60	2.54	2.30
5.89	4.69	4.69	4.64	4.69	2.59	2.34
5.89	4.57	4.57	4.57	4.57	2.50	2.29
1.00	1.04	1.25	1.28	1.19	1.56	1.56
1.03	1.03	1.91	1.91	1.0	1.9	1.9
55	55	55	55	55	55	55
07	07	07	07	07	07	07
12.7	12.7	12.7	12.7	18.2	18.2	40.5
-5/+50	-5/+50	-5/+50	-5/+50	-5/+50	-5/+50	-5/+50

**TECHNICAL DATA**

Number of live conductors	
Casing overall dimensions	LxH [mm]
Rated current	$I_n$ [A]
Section of protective conductor*	$S_{PE}$ [mm <sup>2</sup> ]
Section of protective conductor * eq.Cu	$S_{PE}(=Cu)$ [mm <sup>2</sup> ]
Operating voltage	$U_e$ [V]
Insulation voltage	$U_i$ [V]
Frequency	$f$ [Hz]
Rated short-time current (0.1 s)	$I_{cw}$ [kArms]
Allowable peak current	$I_{pk}$ [kA]
Thermal limit	$I^2t$ [A <sup>2</sup> s x 10 <sup>6</sup> ]
20 °C phase resistance	$R_{20}$ [mΩ/m]
Phase resistance at thermal conditions	$R_t$ [mΩ/m]
Phase reactance (50Hz)	$X$ [mΩ/m]
Phase impedance	$Z$ [mΩ/m]
Resistance of the protective conductor *	$R_{PE}$ [mΩ/m]
Reactance of the protective conductor (50Hz)	$X_{PE}$ [mΩ/m]
Resistance of the fault loop	$R_o$ [mΩ/m]
Reactance of the fault loop (50Hz)	$X_o$ [mΩ/m]
Impedance of the fault loop	$Z_o$ [mΩ/m]
Voltage drop with distributed load	$\Delta V 10^{-3} \cos\varphi = 0.70$ [V/m/A]
	$\Delta V 10^{-3} \cos\varphi = 0.75$ [V/m/A]
	$\Delta V 10^{-3} \cos\varphi = 0.80$ [V/m/A]
	$\Delta V 10^{-3} \cos\varphi = 0.85$ [V/m/A]
	$\Delta V 10^{-3} \cos\varphi = 0.90$ [V/m/A]
	$\Delta V 10^{-3} \cos\varphi = 0.95$ [V/m/A]
	$\Delta V 10^{-3} \cos\varphi = 1.00$ [V/m/A]
Weight	$p$ [kg/m]
Fire load	[kWh/m]
Protection index	IP
Degree of impact-resistance	IK
Joule effect losses at rated current	$P$ [W/m]
Ambient temperature min./MAX.	$t$ [°C]

\*(metal casing)

**Temperature rating schedule according to the room temperature**

Room temperature [°C]	15	20	25	30	35	40	45	50	55	60
K1 Factor	1.15	1.12	1.08	1.05	1.025	1	0.975	0.95	0.93	0.89

multiplier coefficient of rated current for room temperature values different from 40° C

**Mechanical loads permitted table**

The table shows the maximum weights (kg) that can be supported, both for concentrated, and distributed loads.

LB PLUS - TYPE B	Distance between suspension brackets		
		Concentrated load	Distributed load
LB PLUS - TYPE A	1.5 m	40 kg	50 kg/m (75 kg)**
	2 m	30 kg	30 kg/m (60 kg)**
	3 m	20 kg	13 kg/m (39 kg)**
	5 m	13 kg	5 kg/m (25 kg)**
	7 m	7 kg	2 kg/m (14 kg)**

\*\* Distributed load total weight

**LB PLUS - TYPE B**

252	254	256	258	404	408	634
2	4	6	8	4	8	4
35 x 77	35 x 77	35 x 77	35 x 77	35 x 77	35 x 77	35 x 77
25	25	25	25	40	40	63
195	195	195	195	195	195	195
24	24	24	24	24	24	24
400	400	400	400	400	400	400
690	690	690	690	690	690	690
50/60	50/60	50/60	50/60	50/60	50/60	50/60
2.5	2.5	2.5	2.5	3.2	3.2	3.2
5	5	5	5	6.4	6.4	6.4
0.625	0.625	0.625	0.625	1.024	1.024	1.024
5.278	5.278	5.278	5.278	5.278	2.891	2.891
6.798	6.798	6.798	6.798	6.798	3.793	3.793
1.400	1.270	1.270	1.400	1.270	0.770	0.637
5.461	5.429	5.429	5.461	5.429	2.992	2.992
0.434	0.434	0.434	0.434	0.434	0.434	0.434
1.100	1.100	1.000	1.000	1.100	1.000	1.000
5.712	5.712	5.712	5.712	5.712	3.325	3.073
2.500	2.370	2.270	2.270	2.500	1.870	1.637
6.235	6.184	6.147	6.147	6.235	3.814	3.482
4.07	3.99	3.99	4.07	4.07	2.23	1.99
4.23	4.16	4.16	4.23	4.16	2.32	2.08
4.38	4.32	4.32	4.38	4.32	2.40	2.16
4.52	4.46	4.46	4.52	4.46	2.48	2.23
4.64	4.59	4.59	4.64	4.59	2.54	2.30
4.72	4.69	4.69	4.72	4.69	2.59	2.34
4.57	4.57	4.57	4.57	4.57	2.50	2.29
1.80	1.83	2.02	2.02	1.80	2.33	2.33
1.1	1.1	2.1	2.1	1.1	2.1	2.1
55	55	55	55	55	55	55
07	07	07	07	07	07	07
12.7	12.7	12.7	12.7	18.2	18.2	40.5
-5/+50	-5/+50	-5/+50	-5/+50	-5/+50	-5/+50	-5/+50

# QUICK SELECTION TABLE

LB PLUS STRAIGHT LENGTHS - TYPE A							
	252	254	404	256	258	408	634
3m length - 2 outlets (2+2 outlets)	75150101	75160101	75200101	75170101	75180101	75220101	75240101
3m length - 4 outlets (4+4 outlets)	75160102		75200102	75180102		75220102	75240102
1.5m length - 2 outlets (1+1 outlets)	75200111			75220111			75240111

LB PLUS STRAIGHT LENGTHS - TYPE B							
	252	254	404	256	258	408	634
3m length - 4 outlets (4+4 outlets)	75350102H	75360102H	75400102H	75370101H	75380101H	75420101H	75440101H
3m length - 6 outlets (6+6 outlets)	75360103H		75400103H	75380102H		75420102H	75440102H
1.5m length - 2 outlets (1+1 outlets)	75400111H			75420111H			75440111H

FEED UNITS							
	252	254	404	256	258	408	634
RH feed unit + RH END COVER	75161001		75201001	75221001			75241001
LH feed unit + LH END COVER	75201002			75221002			75241002
Centre feed unit	75201151			75221151			75241151

TRUNKING COMPONENTS							
	252	254	404	256	258	408	634
Flexible joint	75201261			75221261			75241261

FIXED PHASE SINGLE PHASE TAP-OFF PLUGS (10 A)							
	252	254	404	256	258	408	634
<b>plugs with cable H05VVF</b>							
10 A plug with 1 m cable - L1-N H05VVF	75005011						
10 A plug with 1 m cable - L2-N H05VVF	-	75005012					
10 A plug with 1 m cable - L3-N H05VVF	-	75005013					
10 A plug with 1 m cable - L-N2 H05VVF	-	75005014					
<b>10 A plug with 3 m cable - L1-N H05VVF</b>							
10 A plug with 3 m cable - L1-N H05VVF	75005021						
10 A plug with 3 m cable - L2-N H05VVF	-	75005022					
10 A plug with 3 m cable - L3-N H05VVF	-	75005023					
10 A plug with 3 m cable - L-N2 H05VVF	-	75005024					
<b>plugs with halogen free cable</b>							
10 A plug with 1 m cable - L1-N FG7OM1	75005061						
10 A plug with 1 m cable - L2-N FG7OM1	-	75005062					
10 A plug with 1 m cable - L3-N FG7OM1	-	75005063					
10 A plug with 1 m cable - L-N2 FG7OM1	-	75005064					
<b>10 A plug with 3 m cable - L1-N FG7OM1</b>							
10 A plug with 3 m cable - L1-N FG7OM1	75005071						
10 A plug with 3 m cable - L2-N FG7OM1	-	75005072					
10 A plug with 3 m cable - L3-N FG7OM1	-	75005073					
10 A plug with 3 m cable - L-N2 FG7OM1	-	75005074					



PHASE SELECTION TAP-OFF PLUGS (16 A)							
	252	254	404	256	258	408	634
16 A phase selection plug	75005000						
16 A plug + 1x(5x20) - phase selection	75005100						
16 A plug + 1x(CH8) - phase selection	75005200						
16 A plug + 1x(CH8) - phase selection + 3 m H05VVF CABLE	75005220						
16 A plug + 1x(CH8) - phase selection + 3 m FG7OM1 CABLE	75005270						

THREE-PHASE TAP-OFF PLUGS (16 - 32 A)							
	252	254	404	256	258	408	634
16 A three-phase plugs	-	75005005					
32 A three-phase plugs	-	75006005					
32A three-phase plugs + 3x(CH10)	-	75006205					

BRACKETS							
	252	254	404	256	258	408	634
60 kg suspension bracket (LB PLUS - TYPE A)	75003000						
60 kg suspension bracket (LB PLUS - TYPE B)	75003004						
hook for lamp	75003001						
ring	75003002						
pigtail for chain	75003005						
bracket for cable channel	75003006						
5m steel cable with self locking clamp	75003008						
bracket with 3 m steel cable	75003009						

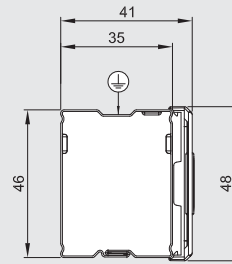
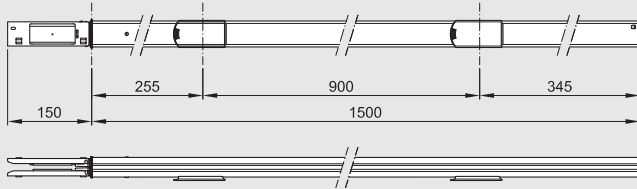
ACCESSORIES							
	252	254	404	256	258	408	634
16A mobile contact	-	75105000					
window kit code	-	-	-	75105001			
cable channel	71000104						

General features	
In compliance with standard	IEC 60439-2
Protection index	IP55
Impact resistance	IK07
Rated current	In 25-40-63 A
STRAIGHT LENGTHS	
Material LB PLUS - TYPE A	Galvanised steel, thickness 0,5 mm
Material LB PLUS - TYPE B	Reinforced galvanised steel, thickness 0.7 mm
FEED UNITS	
Loads	In 25-40-63 A
TAP-OFF PLUGS	
Material	Self extinguishing plastic: IEC 60695-2-12 glow wire test and V0 according to UL94
Loads	In 10-16-32 A

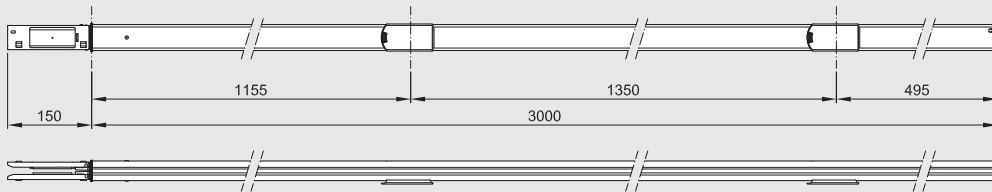
# DIMENSIONAL DATA

## LB PLUS - TYPE A 252/254/404

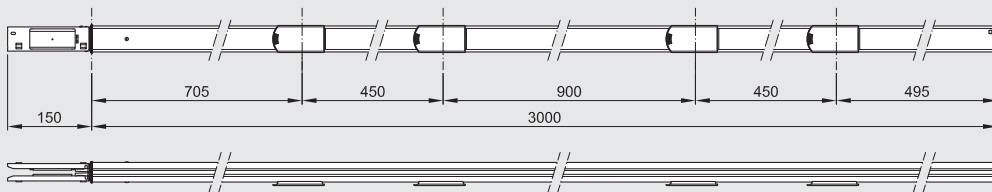
### 1.5 m - 2 outlets (one side only)



### 3 m - 2 outlets (one side only)

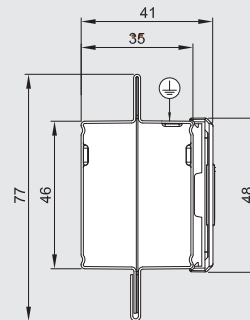
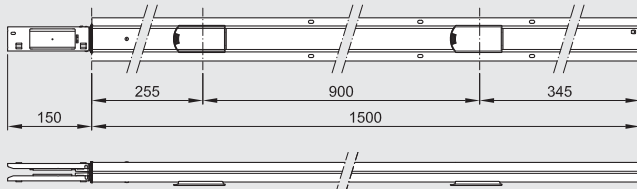


### 3 m - 4 outlets (one side only)

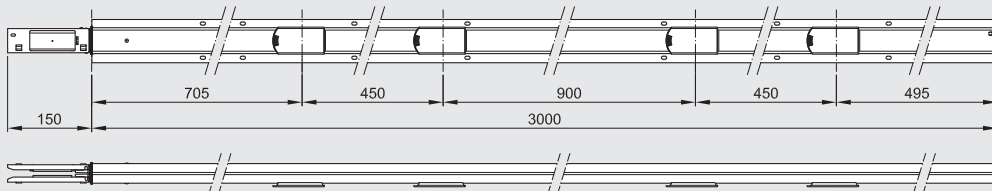


## LB PLUS - TYPE B 252/254/404

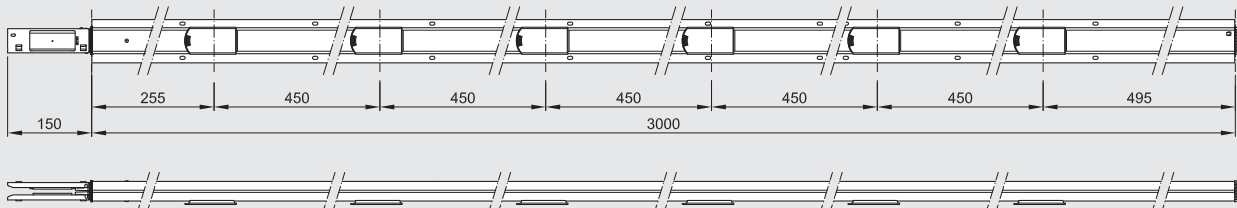
### 1.5 m - 2 outlets (one side only)



### 3 m - 4 outlets (one side only)

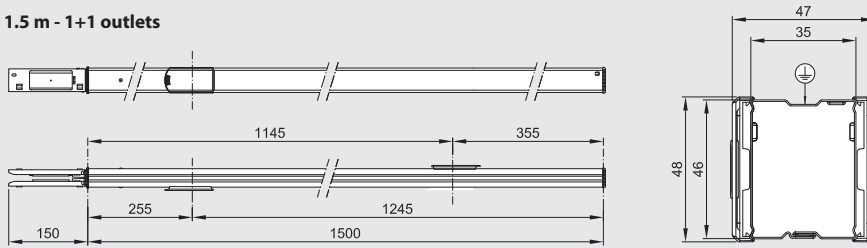


### 3 m - 6 outlets (one side only)

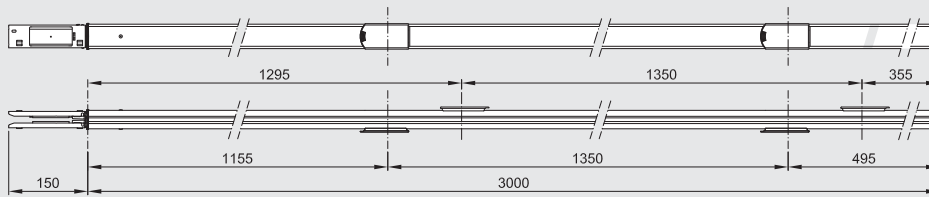


**LB PLUS - TYPE A 256/258/408/634**

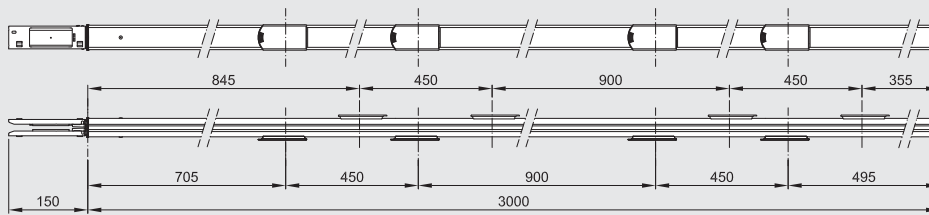
**1.5 m - 1+1 outlets**



**3 m - 2+2**

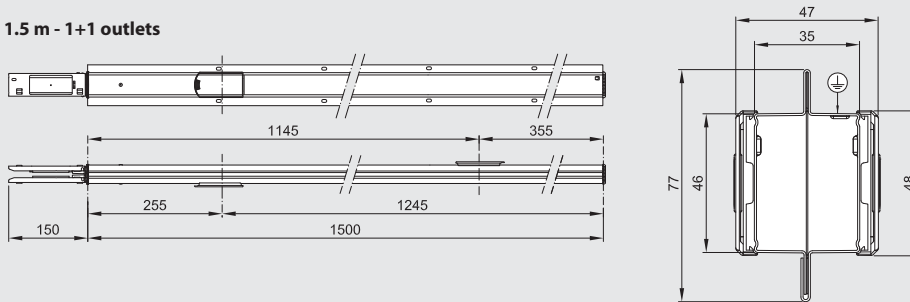


**3 m - 4+4 outlets**

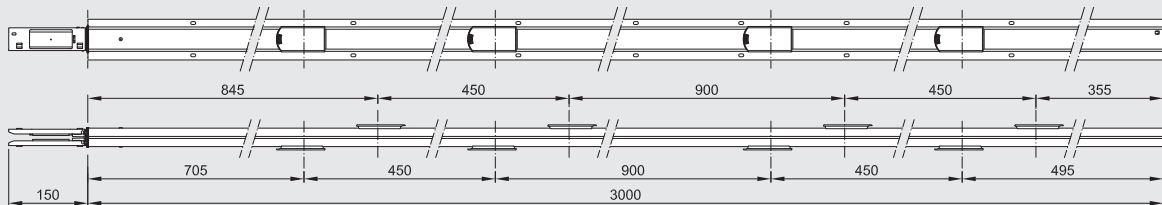


**LB PLUS - TYPE B 256/258/408/634**

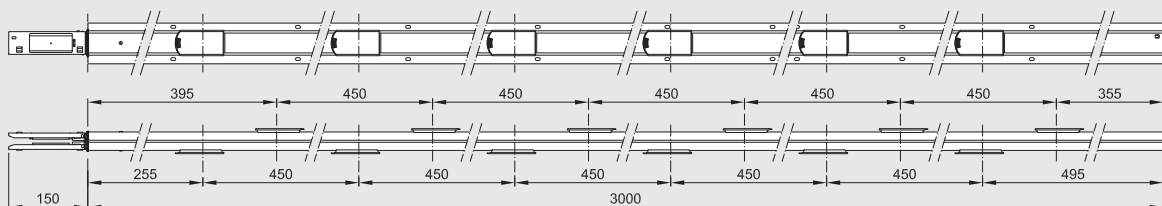
**1.5 m - 1+1 outlets**



**3 m - 4+4 outlets**

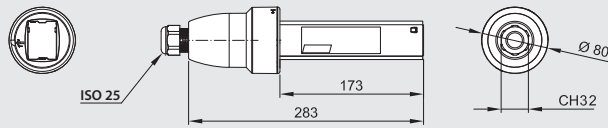


**3 m - 6+6 outlets**



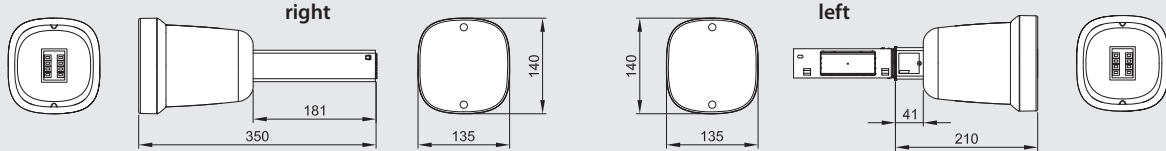
# DIMENSIONAL DATA

## FEED UNIT 254



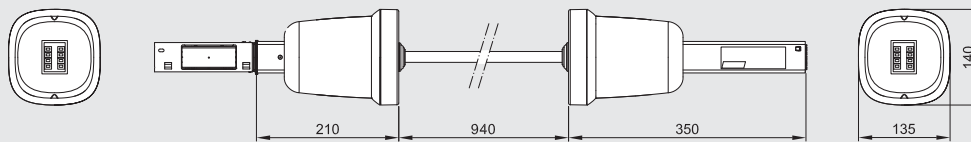
**CABLE SECTION:** MIN 6 mm<sup>2</sup>  
MAX 12 mm<sup>2</sup>  
**CABLE DIAMETER:** MAX 18 mm

## FEED UNIT 404 / 408 / 634

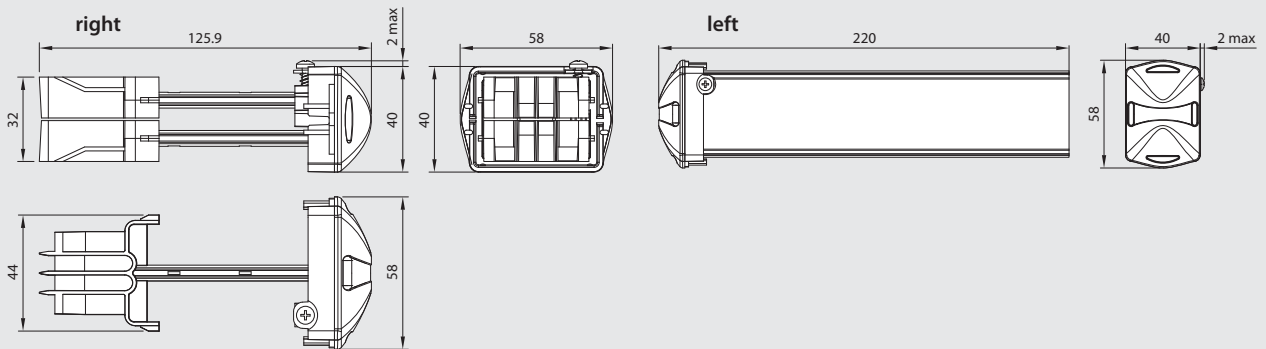


**CABLE SECTION:** MIN 6 mm<sup>2</sup>  
MAX 25 mm<sup>2</sup>  
**CABLE DIAMETER:** MAX 32 mm

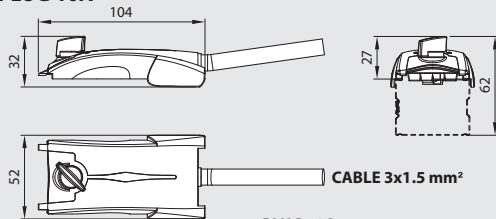
## FLEXIBLE JOINT 404 / 408 / 634



## END CAP

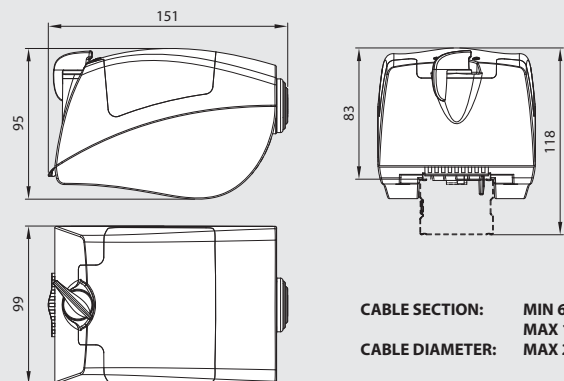


## PLUG 10A



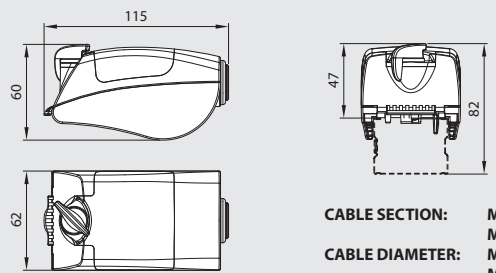
**PLUG 10A**  
L1-N GREY  
L2-N ORANGE  
L3-N BLUE  
L-N2 MAGENTA

## PLUG 32A



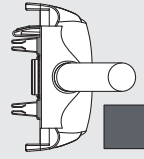
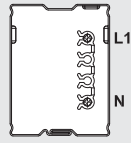
**CABLE SECTION:** MIN 6 mm<sup>2</sup>  
MAX 10 mm<sup>2</sup>  
**CABLE DIAMETER:** MAX 25 mm

## PLUG 16A



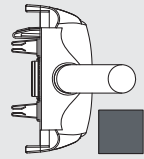
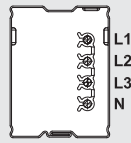
**CABLE SECTION:** MIN 1.5 mm<sup>2</sup>  
MAX 2.5 mm<sup>2</sup>  
**CABLE DIAMETER:** MIN 8 mm  
MAX 13 mm

### 2 CONDUCTORS

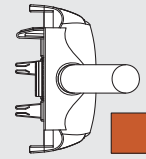


L1-N  
75005011 / 75005021  
75005061 / 75005071

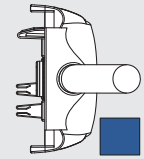
### 4 CONDUCTORS three-phase



L1-N  
75005011 / 75005021  
75005061 / 75005071

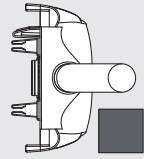
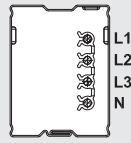


L2-N  
75005012 / 75005022  
75005062 / 75005072

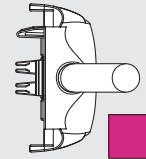


L3-N  
75005013 / 75005023  
75005063 / 75005073

### 4 CONDUCTORS dual single phase

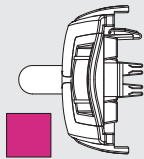


L1-N  
75005011 / 75005021  
75005061 / 75005071

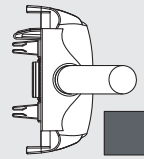
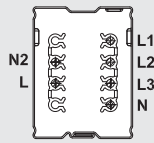


L-N2  
75005014 / 75005024  
75005064 / 75005074

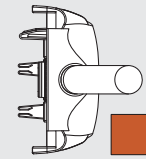
### 6 CONDUCTORS



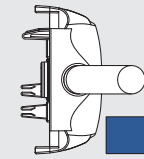
L-N2  
75005014 / 75005024  
75005064 / 75005074



L1-N  
75005011 / 75005021  
75005061 / 75005071

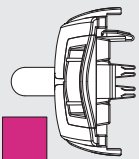


L2-N  
75005012 / 75005022  
75005062 / 75005072

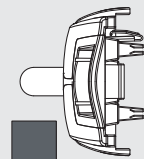


L3-N  
75005013 / 75005023  
75005063 / 75005073

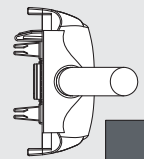
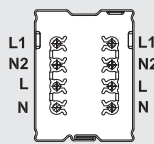
### 8 CONDUCTORS



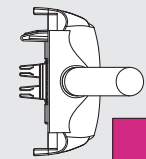
L-N2  
75005014 / 75005024  
75005064 / 75005074



L1-N  
75005011 / 75005021  
75005061 / 75005071



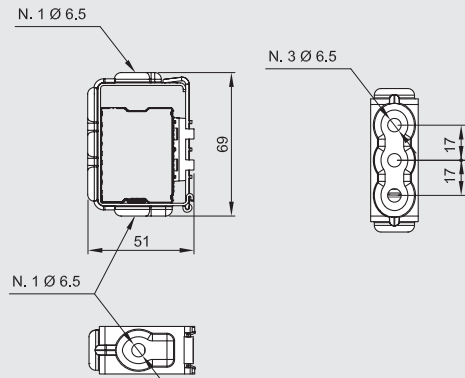
L1-N  
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75005061 / 75005071



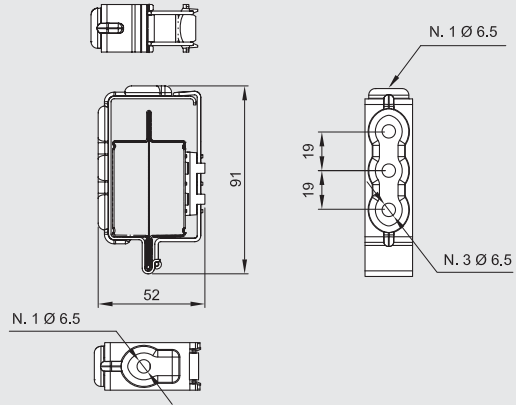
L-N2  
75005014 / 75005024  
75005064 / 75005074

**DIMENSIONAL DATA**

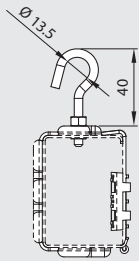
**75003000**



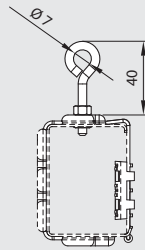
**75003004**



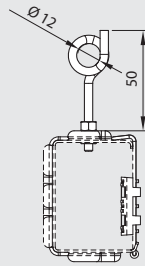
**75003001**



**75003002**



**75003005**



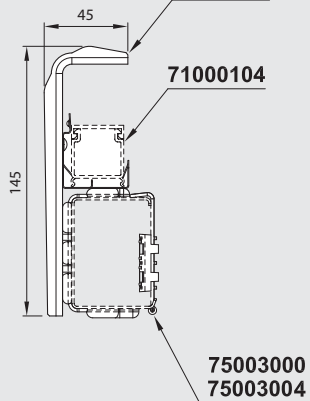
**75003009**  
3 metres



**75003008**  
5 metres

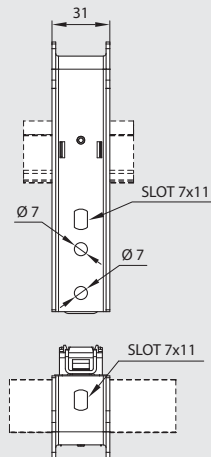


**75003006**

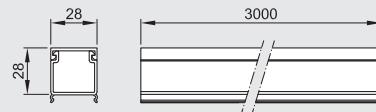


**71000104**

**75003000**  
**75003004**



**71000104**







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