Busbar trunking System

Low-Power

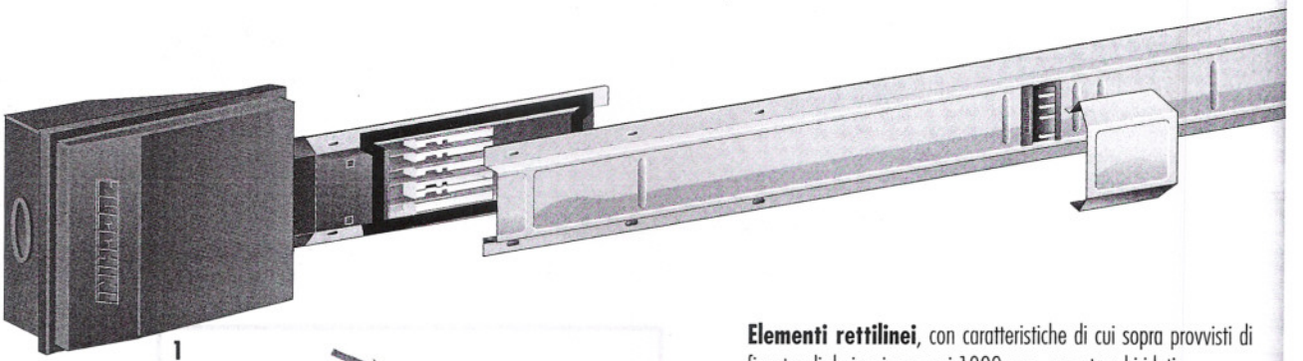


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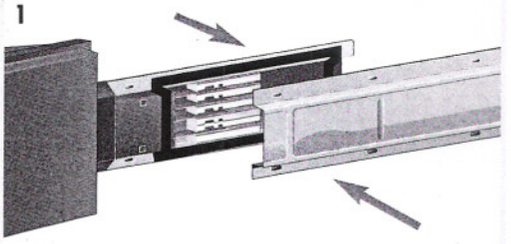
BUSBAR TRUNKING SYSTEMS

CONDOTTO SBARRE PER PICCOLA-MEDIA FORZA MOTRICE

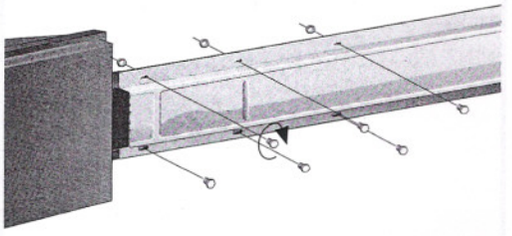
Realizzato in conformità alle norme CEI EN 60439-2 con conduttori in rame elettrolitico o in alluminio trattato galvanicamente sono opportunamente supportati da isolatori in materiale plastico autoestinguente. L'involucro in lamiera d'acciaio zincato a caldo secondo la normativa EN 10142 costituisce il conduttore di protezione (PE), oltre a conferire un'adeguata protezione ai carichi meccanici.
Grado di protezione IP 40 secondo le norme CEI EN 60529 elevabile a IP 55 con appositi manicotti di congiunzione ed otturatori equipaggiati di guarnizioni antinvecchiamento a garanzia dell'inalterabilità della tenuta.
Il condotto deve essere completo dei vari accessori di montaggio e delle relative staffe di sospensione.



1



2



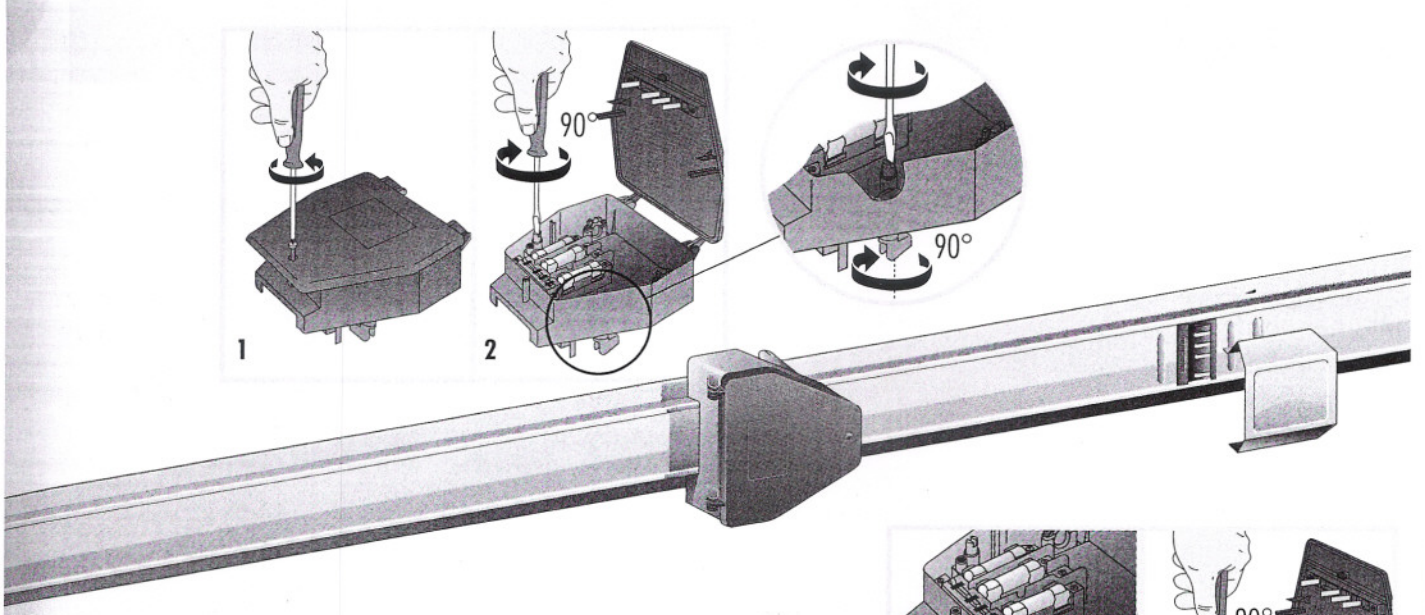
Elementi rettilinei, con caratteristiche di cui sopra provvisti di finestre di derivazione ogni 1000 mm. su entrambi i lati.
In tali condotti la giunzione meccanica opportunamente indipendente dalla giunzione elettrica garantisce la continuità del conduttore di protezione. Per le installazioni in verticale sono disponibili elementi con bloccabarre da utilizzarsi nelle colonne montanti superiori a 20 m. Le dilatazioni termiche non sono necessarie per l'MS perchè sono compensate dalla congiunzione. Gli elementi con setto spegnifiamma si utilizzano negli attraversamenti di pareti resistenti al fuoco.

Alimentazione di testata, completa di pressacavo e di morsetti per cavi da 70 mm^2.

Testata di chiusura, completa il montaggio della linea e garantisce il grado di protezione alla linea (IP40 o IP55).

Cassette di derivazione, complete di morsetti atti a ricevere cavi fino a 50 mm^2. Il corpo in materiale plastico autoestinguente, garantisce la buona resistenza meccanica e alla correnti striscianti. La Cassetta si può inserire e disinserire facilmente sotto tensione. Portate da 16A - 50A - 63A. L'apertura dello sportello della cassetta di derivazione svolge anche l'importante funzione di sezionare il circuito ad essa collegata.

MS

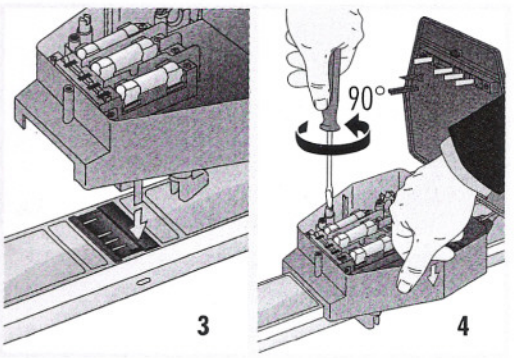


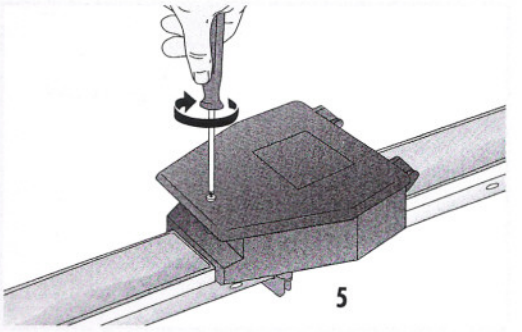
BUSBAR TRUNKING DISTRIBUTION FOR SMALL AND MEDIUM POWER

The MS low power busbar trunking system is manufactured in accordance with CEI EN 60439-1/2 standards.
The conductors are made from copper or in aluminium galvanized and they are fully insulated along their entire length by a protective, self-estinguishing insulating material. The casing, which is made from hot-galvanised sheet steel according to the EN 10142 standard, gives excellent mechanical rigidity whilst also acting as the protective conductor (PE).
The degree of protection is IP 40 which conforms to CEI EN 60529 standards and can be upgraded to IP55 with the addition of certain accessories including joint covers and plug outlet covers.

Straight lengths: in addition to the above mentioned features, straight lengths come with tap-off outlets positioned every 1000 mm. on both sides. In the case of rising main applications, special elements with thrust units can be supplied to allow the busbar trunking to be mounted vertically. Elements with fire-barriers are also available to allow the trunking to be installed through fire-resisting walls. The MS busbar trunking does not require expansion lengths since the jointing facility for each element allows for expansion within the length of any given run.

End feed units are supplied complete with cable clamps and terminals suitable for 70 mm² cable.





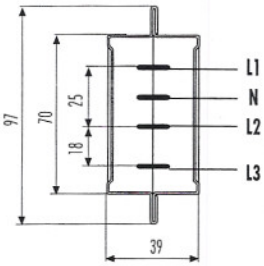
End covers are fitted to the last element of the run to maintain the degree of protection (IP40 or IP55).

Fusible TP+N tap-off units can by supplied in either 16A or 50A current ratings. 63A modular tap-off boxes to accept modular equipment (MCB's) are also available. Each tap-off comes with a self-exstinguishing high impact resistant plastic body. Tap-off units can be inserted or

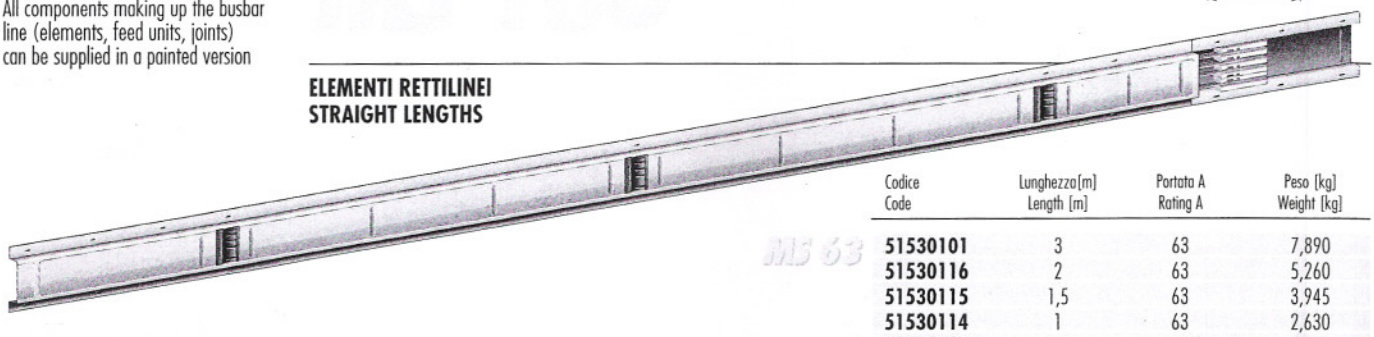
ACCIAIO ZINCATO
GALVANIZED STEEL

Tutti i particolari componenti la linea (Elementi, alimentazione , giunti flessibili) possono essere forniti in versione verniciata

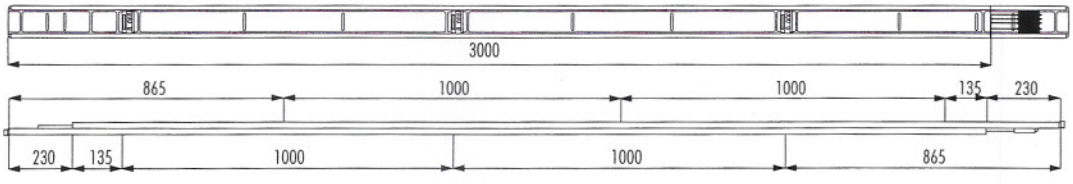
All components making up the busbar line (elements, feed units, joints) can be supplied in a painted version



ELEMENTI RETTILINEI
STRAIGHT LENGTHS

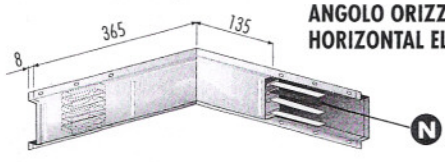


	Codice Code	Lunghezza[m] Length [m]	Portata A Rating A	Peso [kg] Weight [kg]
MS 63	**51530101**	3	63	7,890
	51530116	2	63	5,260
	51530115	1,5	63	3,945
	51530114	1	63	2,630
	51530112	< 1,5	63	-
	51530113	> 1,5	63	-
		ELEMENTI SPECIALI / SPECIAL ELEMENTS		
Elemento rettilineo con tagliafiamma / Straight length with fire barrier	**51530131**	3	63	7,990
Elemento rettilineo con blocca barre/ Straight length with thrust unit	**51530141**	3	63	7,890
MS 100	**51510101**	3	100	7,890
	51510116	2	100	5,260
	51510115	1,5	100	3,945
	51510114	1	100	2,630
	51510112	< 1,5	100	-
	51510113	> 1,5	100	-
		ELEMENTI SPECIALI / SPECIAL ELEMENTS		
Elemento rettilineo con tagliafiamma / Straight length with fire barrier	**51510131**	3	100	7,990
Elemento rettilineo con blocca barre/ Straight length with thrust unit	**51510141**	3	100	7,890
MS 160	**51520101**	3	160	9,290
	51520116	2	160	6,190
	51520115	1,5	160	4,645
	51520114	1	160	3,100
	51520112	< 1,5	160	-
	51520113	> 1,5	160	-
		ELEMENTI SPECIALI / SPECIAL ELEMENTS		
Elemento rettilineo con tagliafiamma / Straight length with fire barrier	**51520131**	3	160	10,29
Elemento rettilineo con blocca barre/ Straight length with thrust unit	**51520141**	3	160	9,290



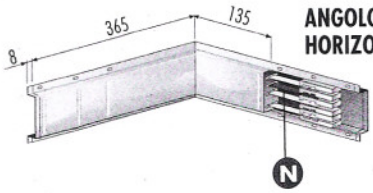
MS

ANGOLO ORIZZONTALE DX
HORIZONTAL ELBOW RH

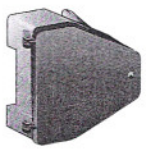


Tipo Type	Codice Code	Peso [kg] Weight [kg]
IP 55	**51530351**	1,600
IP 55	**51500361**	1,600
IP 55	**51520351**	2,600

ANGOLO ORIZZONTALE SX
HORIZONTAL ELBOW LH



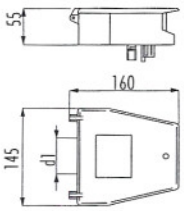
Tipo Type	Codice Code	Peso [kg] Weight [kg]
IP 55	**51530361**	1,600
IP 55	**51500362**	1,600
IP 55	**51520361**	2,600

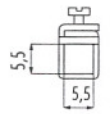


DERIVAZIONE 16A CON FUSIBILI (fusibili CH10, 10,3 x 38 non forniti)
16A TP & N FUSIBLE PLUG (without fuses)

Tipo Type	Codice Code	Peso [kg] Weight [kg]
IP 40	**51515001**	0,808
IP 55	**51515051**	0,908

• fusibili / fuse 10,3 x 38 not supplied





Cavo max sez. 10/25* mm²
Max cable size 10/25* mm²

(*) Con tubetto terminale
(*) With cable ferrule (not included)

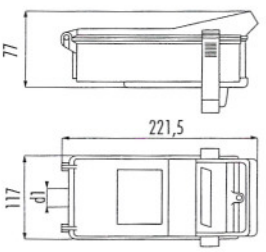
Bocchettone utilizzabile Cable gland size		PG 21	PG 29
Foro d 1 Hole d 1	DIN	29	38
	mm	26	35
Cavi diametro esterno mm Cable diameter mm		15÷21	22÷30

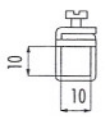


DERIVAZIONE 50A CON FUSIBILI (fusibili 14 x 51 non forniti)
50A TP & N FUSIBLE PLUG (without fuses)

Tipo Type	Codice Code	Peso [kg] Weight [kg]
IP 40	**51515002**	0,908
IP 55	**51515052**	1,008

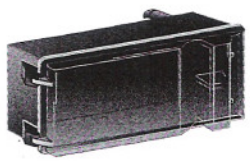
• fusibili / fuse 14 x 51 not supplied





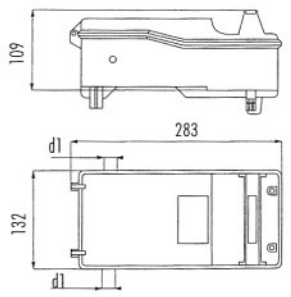
Cavo max sez. 35* mm²
Max cable size 35 mm²

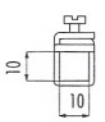
Bocchettone utilizzabile Cable gland size		PG 21	PG 29
Foro d 1 Hole d 1	DIN	29	38
	mm	26	35
Cavi diametro esterno mm Cable diameter mm		15÷21	22÷30



DERIVAZIONE 63A BASE CON COPERCHIO TRASPARENTE
63A TP & N PLUG BOX WITH TRANSPARENT COVER

Tipo Type	Codice Code	Peso [kg] Weight [kg]
IP 40	**51515007**	1,000
IP 55	**51515057**	1,100





Cavo max sez. 35* mm²
Max cable size 35 mm²

Bocchettone utilizzabile Cable gland size		PG 21	PG 29	PG 36
Foro d 1 Hole d 1	DIN	29	38	42
	mm	26	35	45
Cavi diametro esterno mm Cable diameter mm		15÷21	22÷30	29÷37

MS