



WHY NAXSO LIGHTING BUSBAR

A- HOUSING IS ALUMINIUM MADE WITH ONE EXTRUDED UNASSEMBLED PART INSTEAD OF TWO. THIS MEANS AN EXCEPTIONAL STRENGTH AGAINST ANY "HELIX" OR "WAVE" EFFECT. THE BUSBAR IS STURDY, RIGID AND STIFF.



TWIST



FOLD

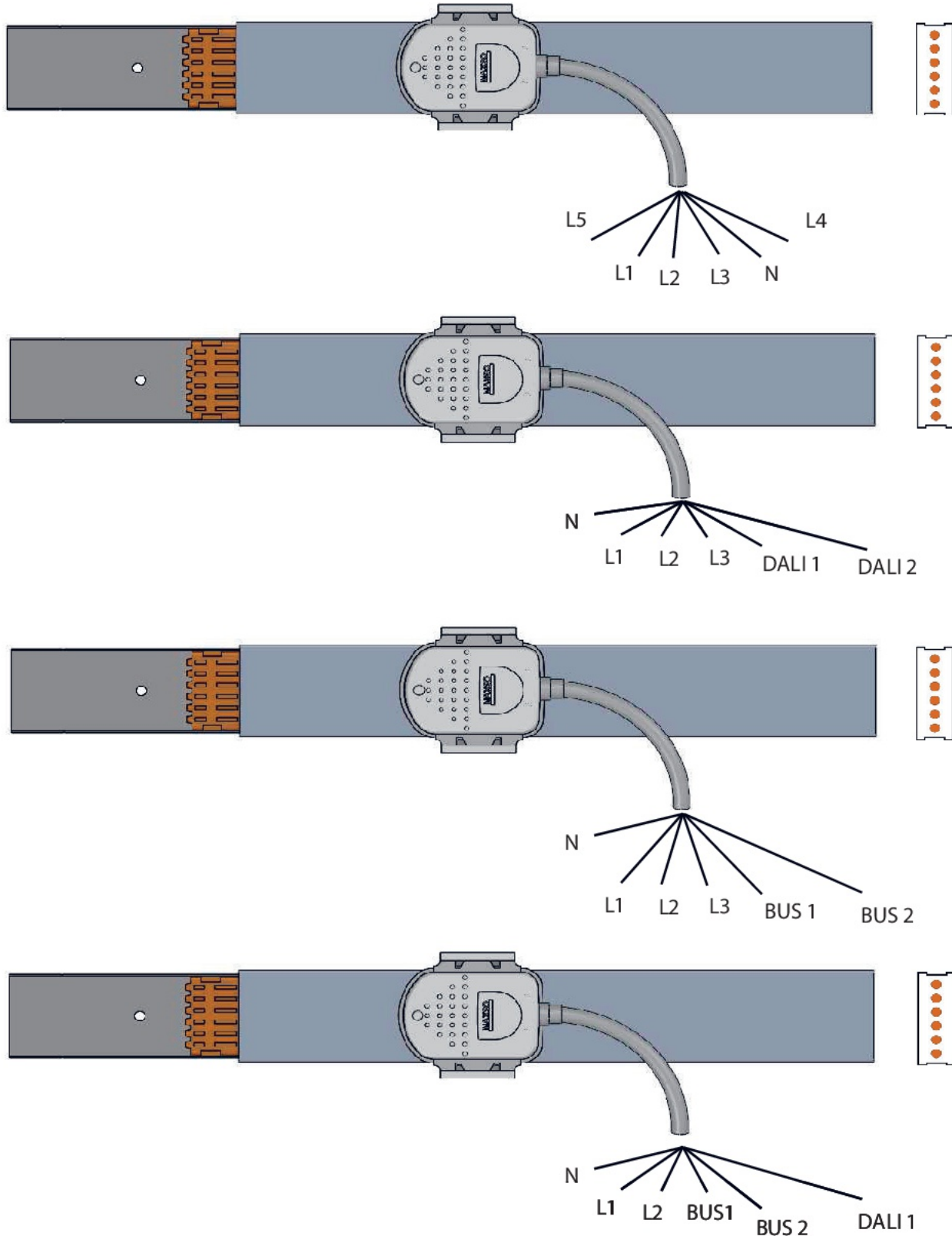


B- ALUMINIUM BODY MAKES THE BUSBAR EXTREMELY LIGHT WEIGHT.



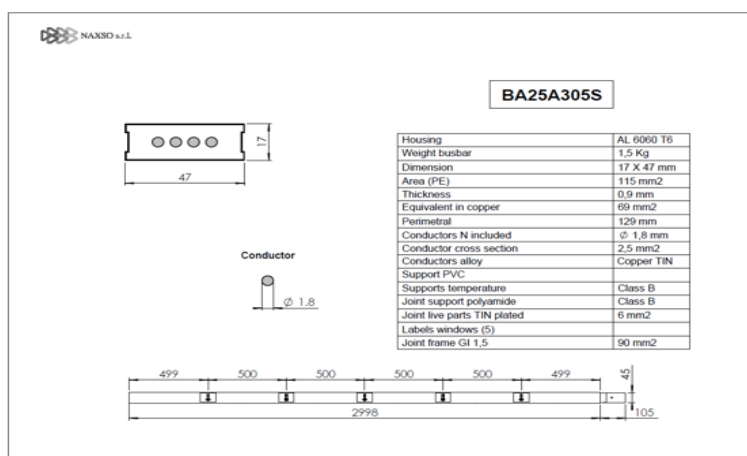
C NAXSO LIGHTING BUSBARS HAVE UP TO 6 CONDUCTORS CAPACITY PLUS ...

- THE CONDUCTORS ARE 690 VOLTS.
- ANY CIRCUIT CAN BE WIRED BOTH ENERGY AND SIGNAL AS WELL AS DALI AND BUS CONTROLS UP TO 40 JOINTS (120 MT).
- ALL THE TAP OFFS HAVE UP TO 6 PINS CAPACITY FOR EVERY SINGLE TAP OFF AND THE BIG ONE (SBM) CAN CAN EVEN BE FUSED UP TO 25A.

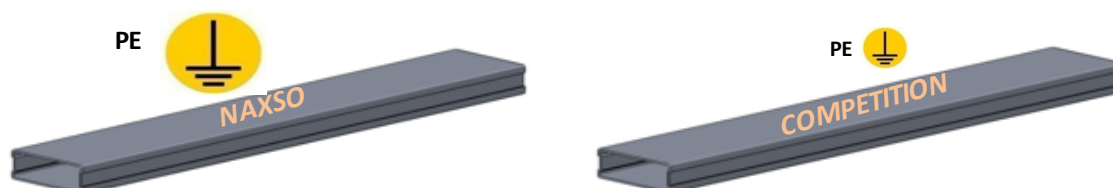


D- ALUMINIUM BODY MEANS EXCELLENT PE CONDUCTOR 130 mm² AROUND 90 mm² COPPER EQUIVALENT.

- NO EXTRA PE IS NECESSARY.
- PE HOUSE RESULTS IN LOW NOISE MATERIAL.
- THE ELECTRICAL MAGNETIC FIELD IS ROUGHLY ZERO.



E- THE NAXSO BUSBAR HAS INCREASED CONDUCTIVITY BECAUSE OF THE ALUMINIUM 1-PIECE CASE COMPARED TO 2-PIECE STEEL HOUSING OF THE COMPETITORS.





NAXSOLUX



Naxso lighting busbar is an aluminium extruded very strong and light busbar track with a number of ratings 25-40-63A and assembled tracks mono busbar and double side back to back to ensure COMPLETE SEGREGATION when needed for safety reasons. Naxso lighting is the only lighting busbar in the market with six conductors in one housing so that when is double we can offer 6+6 conductors. All naxso tap-offs can be wired and connected to all six conductors both with or without fuses and enormous number of choices is offered and all the tap offs are rewirable.





Il Naxsolux è un estruso di alluminio molto robusto e leggero da 25-40-63A. Una versatilità che si rivela nella possibilità di accostare due condotti garantendo totale segregazione per ragioni di sicurezza.

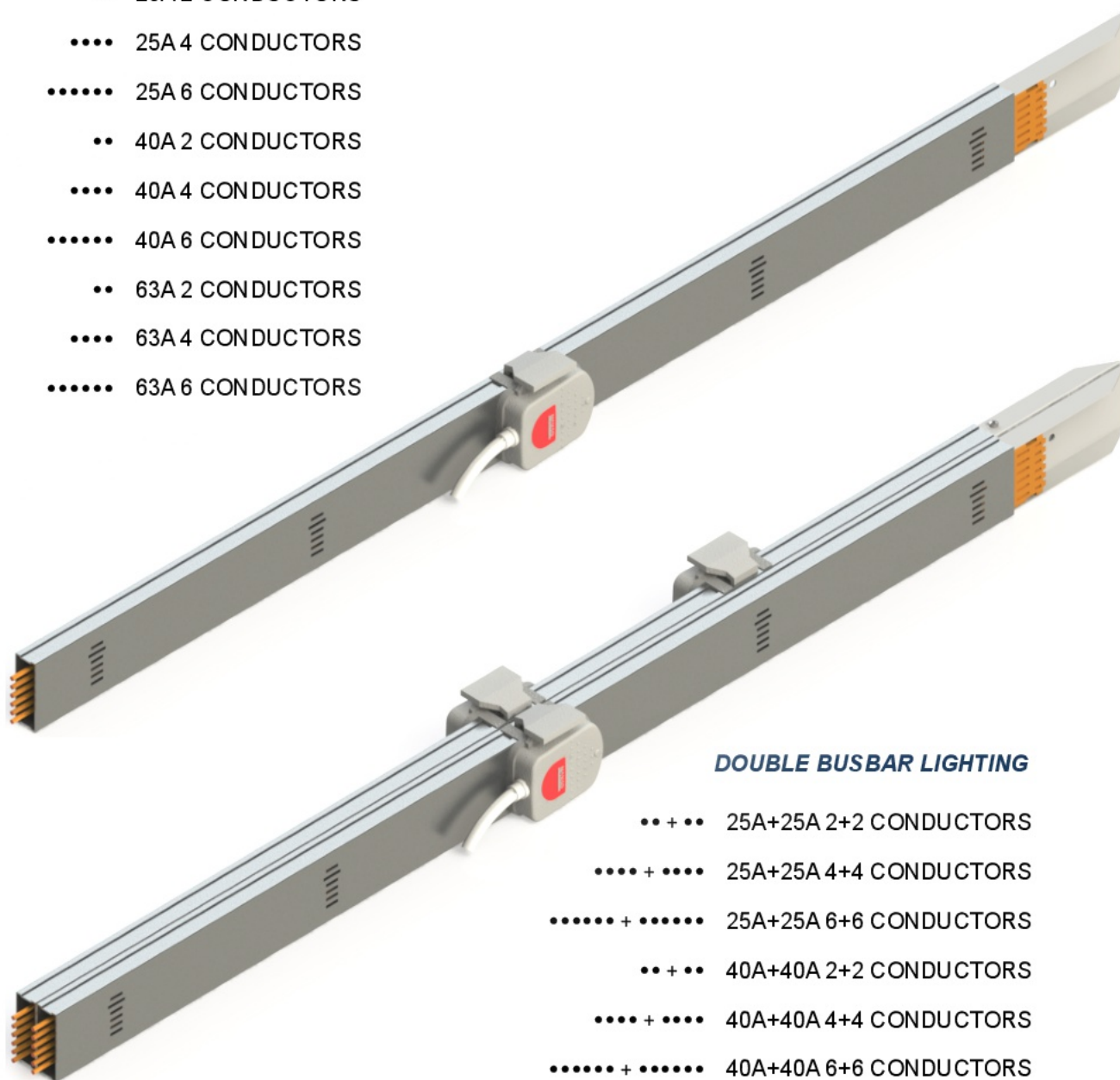
Il Naxsolux è l'unico prodotto sul mercato con 6 conduttori in un solo involucro che su richiesta di accostamento delle barre diventano 6+6. Tutte le spine Naxso possono essere cablate e connesse a tutti i conduttori sia con o senza il fusibile con una vastissima gamma di opzioni. Tutte le spine sono ricablabili.



SINGLE BUSBAR AND DOUBLE BUSBAR LIGHTING

SINGLE BUSBAR LIGHTING

- 25A 2 CONDUCTORS
- 25A 4 CONDUCTORS
- 25A 6 CONDUCTORS
- 40A 2 CONDUCTORS
- 40A 4 CONDUCTORS
- 40A 6 CONDUCTORS
- 63A 2 CONDUCTORS
- 63A 4 CONDUCTORS
- 63A 6 CONDUCTORS



DOUBLE BUSBAR LIGHTING

- + •• 25A+25A 2+2 CONDUCTORS
- + •••• 25A+25A 4+4 CONDUCTORS
- + ••••• 25A+25A 6+6 CONDUCTORS
- + •• 40A+40A 2+2 CONDUCTORS
- + •••• 40A+40A 4+4 CONDUCTORS
- + ••••• 40A+40A 6+6 CONDUCTORS
- + •• 63A+63A 2+2 CONDUCTORS
- + •••• 63A+63A 4+4 CONDUCTORS
- + ••••• 63A+63A 6+6 CONDUCTORS

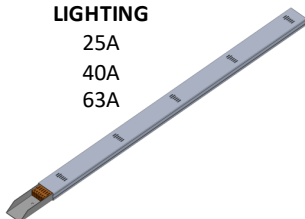
N.B. : NEL DOPPIO CANALE VI E' LA POSSIBILITA' DI UNIRE ASSIEME BARRE CON DIFFERENTI NUMERI DI CONDUTTORI (AD ESEMPIO: 2+4, 4+6, 2+6, ECC.)

N.B. : IN DOUBLE BUSBARS ARE POSSIBLE TO COMBINED THE BUSBARS WITH DIFFERENT NUMBERS OF CONDUCTORS (FOR EXAMPLE: 2+4, 4+6, 2+6, ECC.)

COMPATIBILITY TAP-OFF ON BUSBAR

LIGHTING

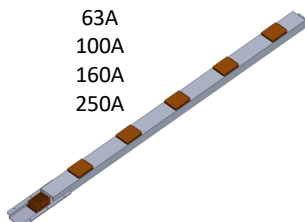
25A
40A
63A



TAP OFF					
MODEL	CODE	RATING (A)	CABLE	NO CABLE	FUSED
MOUSE	SM-N	10-16-20	X	X	
BIG MOUSE	SBM	6-16-20-32	X	X	X
SFIP	SFIPN	6-16	X	X	X
CAT	CATLUX	16-25-32		X	X

POWER

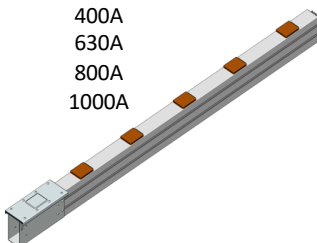
40A
63A
100A
160A
250A



TAP OFF					
MODEL	CODE	RATING (A)	EMPTY	EMPTY FOR MCCB	FUSED
CAT	CAT	32	X	X	X
SUPERCAT	SUPERCAT	32-50-100-125	X	X	X
STAR	STAR	63-100-125	X	X	X

POWER

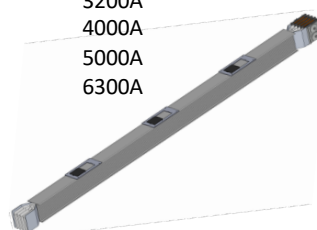
250A
400A
630A
800A
1000A



TAP OFF					
MODEL	CODE	RATING (A)	EMPTY	EMPTY FOR MCCB	FUSED
CAT	CAT	32	X	X	X
SUPERCAT	SUPERCAT	32-50-100-125	X	X	X
STAR	STAR	63-100-125-160-250	X	X	X

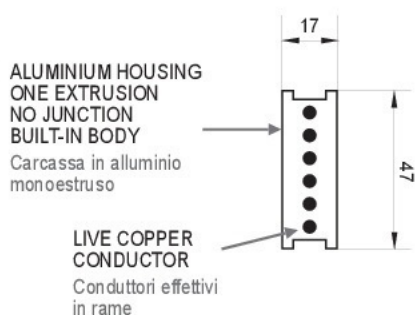
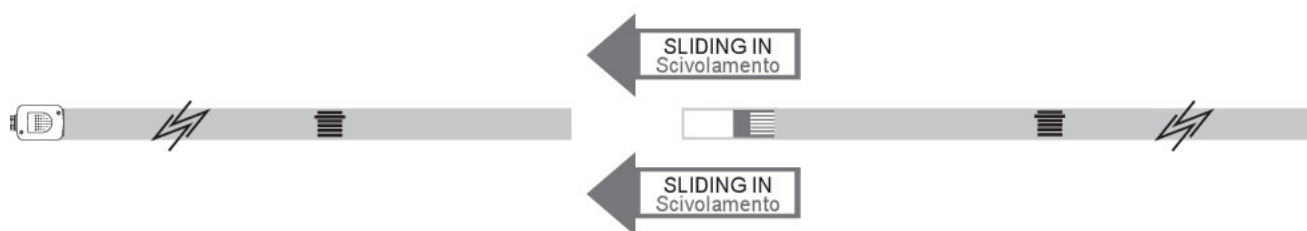
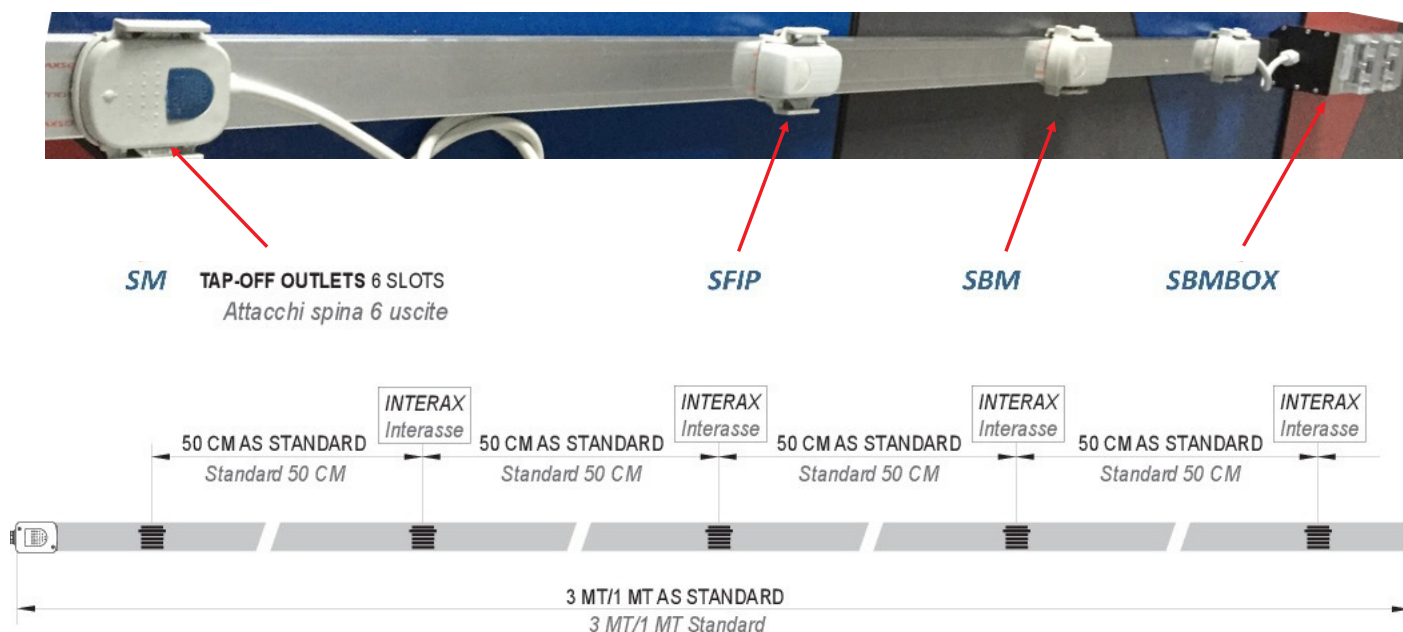
POWERSANDWICH

1250A
1600A
2000A
2500A
3200A
4000A
5000A
6300A

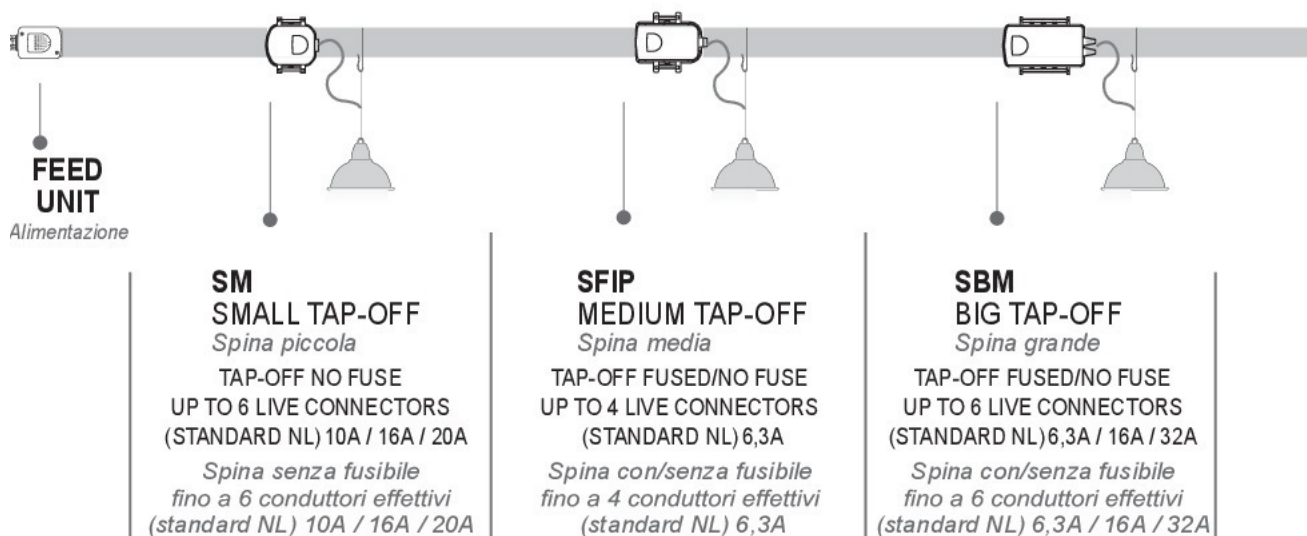


TAP OFF					
MODEL	CODE	RATING (A)	EMPTY	EMPTY FOR MCCB	FUSED
STAR	STARPXW	32-50-63-100-125-160 250-400-630-800-1000	X	X	X

CONDUCTORS CROSS SECTION mm ²		
BUSBAR	ALUMINIUM	COPPER
<i>LIGHTING (BA)</i>		
25A	ONLY IN COPPER	2,5
40A	ONLY IN COPPER	6
63A	ONLY IN COPPER	6,7
<i>POWER (BP)</i>		
40A	36	15
63A	40	18
100A	45	40
160A	65	60
250A	120	70
<i>POWER (BPG)</i>		
250A	216	75
400A	271	100
630A	379	165
800A	515	220
1000A	665	330
1250A	ONLY IN COPPER	440
<i>POWERSANDWICH (PXW)</i>		
1250A	850	450
1600A	1104	600
2000A	1354	750
2500A	1577	960
3200A	1827	600 x2
4000A	1354 x2	750 x2
5000A	1577 x2	960 x2
6300A	1827 x2	ONLY IN ALUMINIUM



A	PART NUMBER	POLE	WEIGHT
25A	BA25A305S	3P+N+PE (HOUSING)	0,55 Kg/mt
25A	BA25A3065S	5P+N+PE (HOUSING)	0,70 Kg/mt
40A	BA40A305S	3P+N+PE (HOUSING)	0,70 Kg/mt
40A	BA40A3065S	5P+N+PE (HOUSING)	0,80 Kg/mt
63A	BA63A305S	3P+N+PE (HOUSING)	1,10 Kg/mt
63A	BA63A3065S	5P+N+PE (HOUSING)	1,40 Kg/mt





INSTALLATION

CEILING SOFFITTO

BUSBAR CAN BE SUSPENDED AT THE CEILING BY DIRECT BRACKET OR THROUGH CHAIN ROD
 Le barre possono essere appese al soffitto sia tramite staffe dirette che tramite catanelle multifunzione



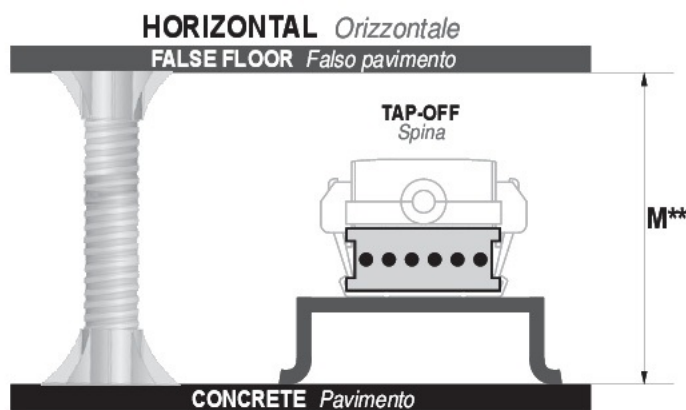
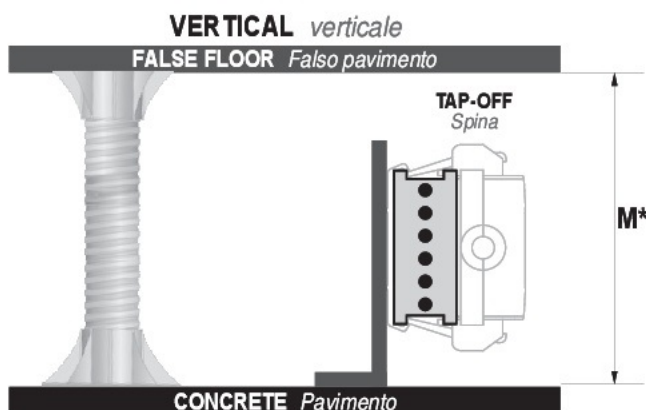
M = MINIMUM DISTANCE FROM CEILING OF THE LOWER BUSBAR PART

Distanza minima fra il soffitto e la parte inferiore della barra

- **4 CONDUCTORS 70 mm:** BA25A305S - BA40A305S - BA63A305S
- **6 CONDUCTORS 140 mm:** BA25A3065S - BA40A3065S - BA63A3065S

UNDERFLOOR SOTTOPAVIMENTO

BUSBAR CAN BE INSTALLED UNDER THE FLOOR IN ANY POSITION: VERTICAL OR HORIZONTAL
 La barra può essere installata sotto il pavimento in qualsiasi posizione: verticale o orizzontale



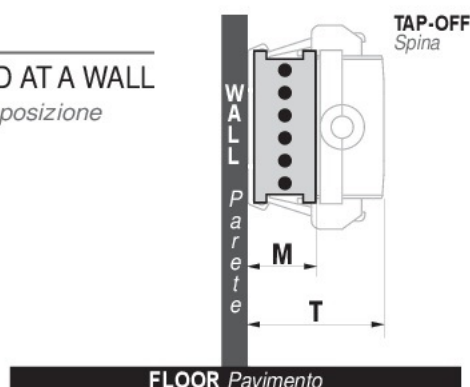
M = MINIMUM DISTANCE ADMITTED BETWEEN CONCRETE FLOOR AND FALSE FLOOR

Distanza minima ammessa fra pavimento e falso piano

- **M*: 90 mm** IF THE BUSBAR IS INSTALLED IN VERTICAL POSITION
Se la barra è installata verticalmente
- **M**: 48 mm** IF THE BUSBAR IS INSTALLED IN HORIZONTAL POSITION
Se la barra è installata orizzontalmente

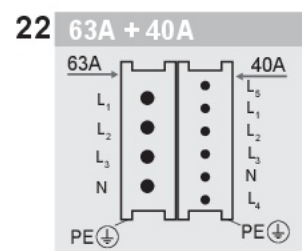
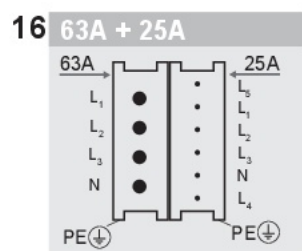
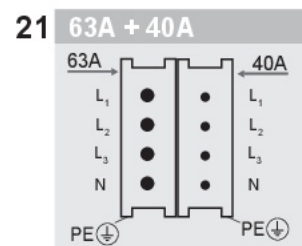
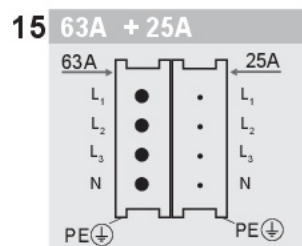
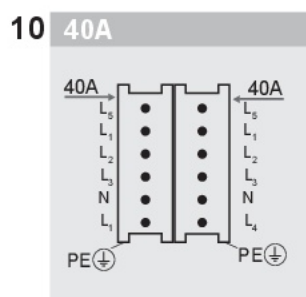
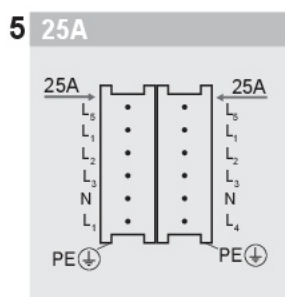
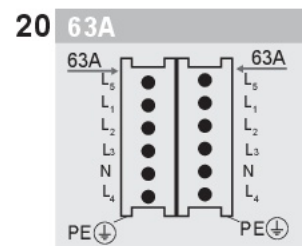
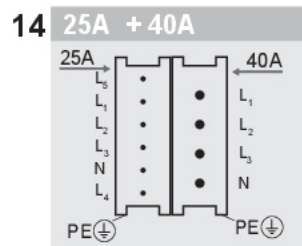
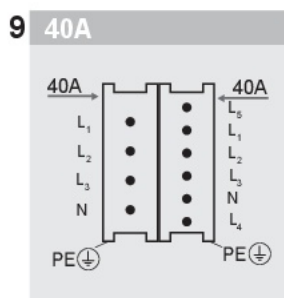
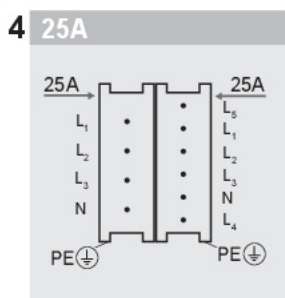
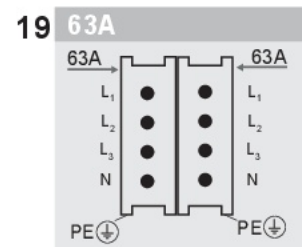
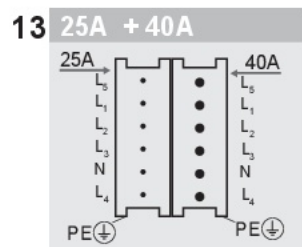
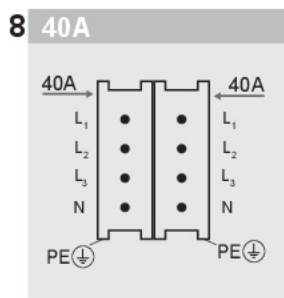
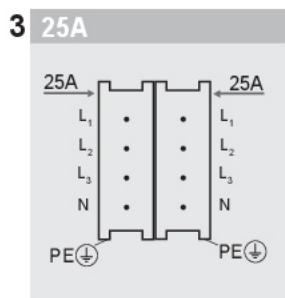
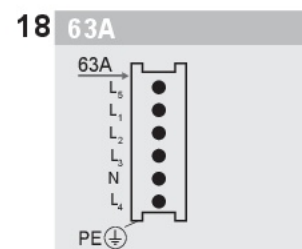
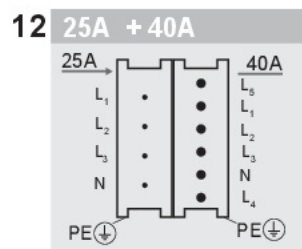
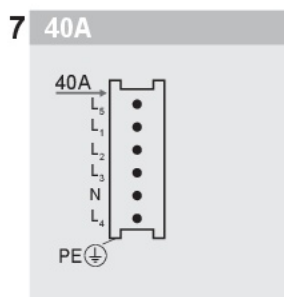
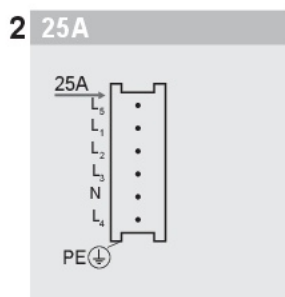
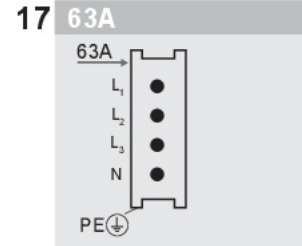
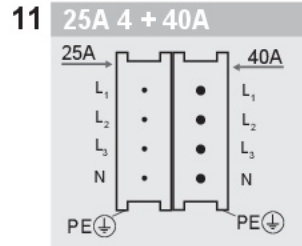
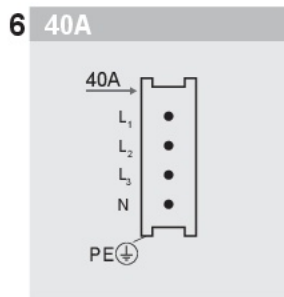
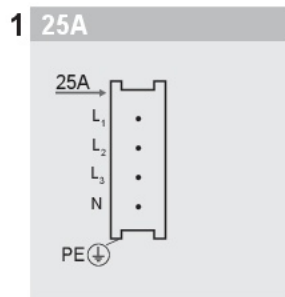
WALL PARETE

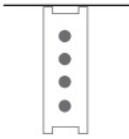
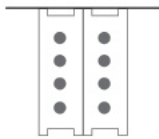
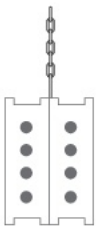
BUSBAR CAN BE INSTALLED AT A WALL
 La barra può essere installata in posizione verticale

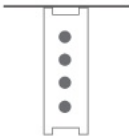
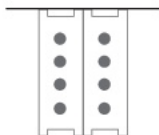
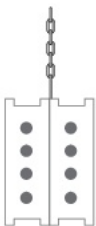


M = 5 mm MINIMUM DISTANCE BETWEEN WALL AND BUSBAR SURFACE
Distanza minima fra il muro e la superficie della barra

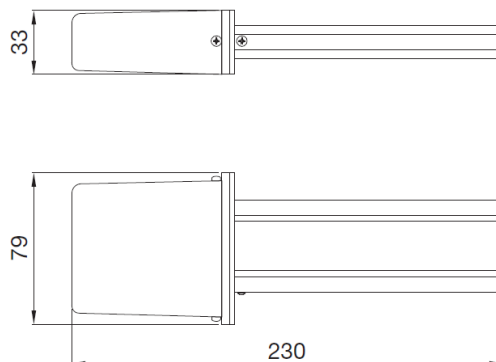
T = 40 mm MINIMUM DISTANCE BETWEEN WALL AND TAP-OFF LID
Distanza minima fra il muro e la linguetta di chiusura spina



	SOFFITTO	PARETE	CATENA IN METALLO	SOFFITTO	CATENA IN METALLO
					
CEILING BRACKET WITH PLASTIC LID FOR DIRECT SUSPENSION	STCMMP				
CEILING BRACKET WITH METAL LID FOR DIRECT SUSPENSION	STCMM				
CEILING BRACKET WITH SECURITY PATH FOR DIRECT SUSPENSION	STCMMPSP				
CEILING BRACKET WITH PLASTIC LID FOR CHAIN ROD SUSPENSION	STCMSP				
CEILING BRACKET WITH METAL LID FOR CHAIN ROD SUSPENSION	STCMSF				
CEILING BRACKET WITH SECURITY PATH FOR CHAIN ROD SUSPENSION	STCMSFP				
WALL BRACKET WITH PLASTIC LID		STCAPV			
WALL BRACKET WITH METAL LID		STCAPM			
WALL BRACKET WITH SECURITY PATH		STWBP			
SIMPLE BRACKET FOR DOUBLE CHANNEL					SBDCH
CEILING BRACKET FOR DOUBLE CHANNEL DIRECT SUSPENSION				SBDCH	
CEILING BRACKET FOR DOUBLE CHANNEL SUSPENSION WITH CHAIN ROD				SBDCH	
SPECIAL STM BRACKET WALL AND CEILING	STM	STM	STM		
LAMP BRACKET FOR SINGLE CHANNEL	STCI		STCI		
LAMP BRACKET FOR DOUBLE CHANNEL					STCDCH
SPECIAL SECURITY BRACKET FOR SECURE LAMPS CABLES STSAF	STSAF		STSAF		
SPECIAL SIMPLE CEILING BRACKET STSF FOR CHAIN SUSPENSION	STSF		STSF		STSF
DOUBLE BRACKET FOR SEPARATE DOUBLE CHANNEL STCAD				STCAD	
REINFORCE SLEEVE FOR 25A AND 40A TRUNKING	GRFP		GRFP		
REINFORCE SLEEVE FOR 63A TRUNKING	GRFPBA63		GRFPBA63		
REINFORCE SLEEVE FOR DOUBLE CHANNEL 25A AND 40A				RGRFPD	RGRFPD

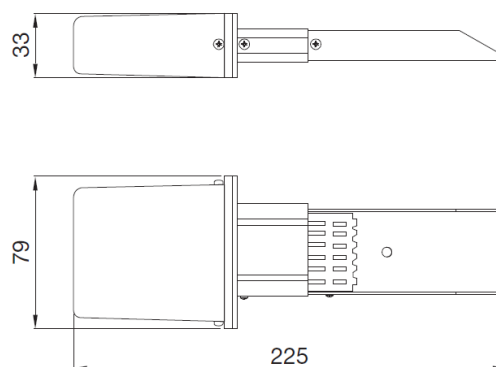
	SOFFITTO	PARETE	CATENA IN METALLO	SOFFITTO	CATENA IN METALLO
					
STAFFA PER SOFFITTO CON LINGUETTA DI PLASTICA PER SOSPENSIONE DIRETTA	STCMMP				
STAFFA PER SOFFITTO CON LINGUETTA DI METALLO PER SOSPENSIONE DIRETTA	STCMM				
STAFFA PER SOFFITTO CON PERCORSO DI SICUREZZA PER SOSPENSIONE DIRETTA	STCMMPSP				
STAFFA PER SOFFITTO CON LINGUETTA DI PLASTICA PER SOSPENSIONE CON CATENA DI METALLO	STCMSP				
STAFFA PER SOFFITTO CON LINGUETTA DI METALLO PER SOSPENSIONE CON CATENA DI METALLO	STCMSF				
STAFFA PER SOFFITTO CON PERCORSO DI SICUREZZA PER CATENA DI METALLO	STCMSFP				
STAFFA DA MURO CON LINGUETTA DI PLASTICA		STCAPV			
STAFFA DA MURO CON LINGUETTA DI METALLO		STCAPM			
STAFFA DA MURO CON PERCORSO DI SICUREZZA		STWBP			
SEMPLICE STAFFA PER DOPPIO CANALE					SBDCH
STAFFA PER SOFFITTO PER DOPPIO CANALE SOSPENSIONE DIRETTA				SBDCH	
STAFFA PER SOFFITTO PER DOPPIO CANALE SOSPENSIONE CON CATENA DI METALLO				SBDCH	
STAFFA SPECIALE STM PER PARETE E SOFFITTO	STM	STM	STM		
STAFFA PER CORPO ILLUMINANTE PER SINGOLO CANALE	STCI		STCI		
STAFFA PER CORPO ILLUMINANTE PER DOPPIO CANALE					STCDCH
SPECIALE STAFFA DI SICUREZZA PER CAVI CORPO ILLUMINANTE STSAF	STSAF		STSAF		
STAFFA SPECIALE SINGOLA PER SOSPENSIONE CON CATENA DI METALLO	STSF		STSF		STSF
STAFFA DOPPIA PER DOPPIO CANALE SEPARATO STCAD				STCAD	
FAZZOLETTO DI RINFORZO PER 25A E 40A	GRFP		GRFP		
FAZZOLETTO DI RINFORZO PER 25A E 40A	GRFPBA63		GRFPBA63		
FAZZOLETTO DI RINFORZO PER DOPPIO CANALE 25A E 40A				RGRFPD	RGRFPD

AT SX 25AFS FEED UNIT END CUP INCLUDED
CHIUSURA DI TESTATA INCLUSA



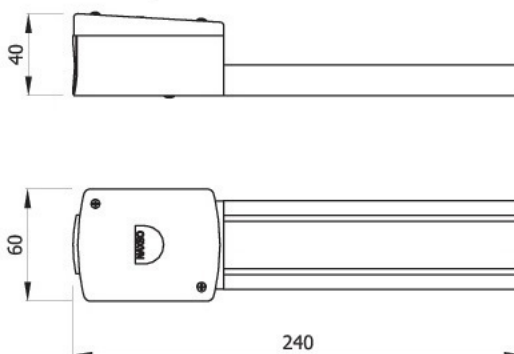
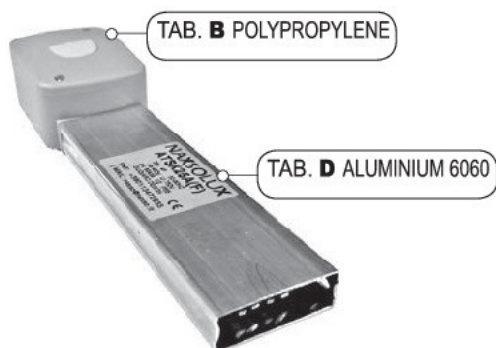
3P + N + PE
AMP 25 A
IP 41 - *IP 55
0,220
6 mm ² TERMINAL BLOCK MORSETTIERA
0,57 Dm ³ VOLUME AFTER PACKING VOLUME IMBALLATO

AT DX 25AFS FEED UNIT END CUP INCLUDED
CHIUSURA DI TESTATA INCLUSA



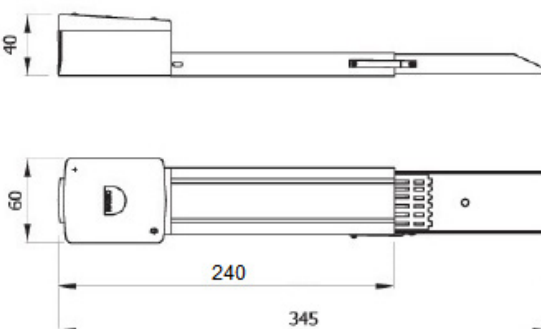
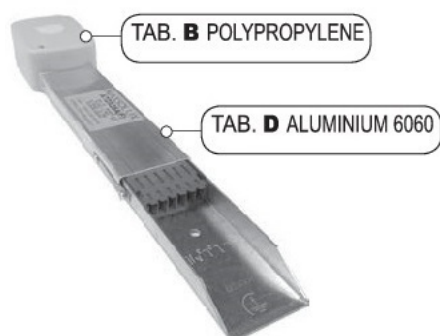
3P + N + PE
AMP 25 A
IP 41 - *IP 55
0,380
6 mm ² TERMINAL BLOCK MORSETTIERA
0,82 Dm ³ VOLUME AFTER PACKING VOLUME IMBALLATO

AT SX 25AF FEED UNIT END CUP INCLUDED
CHIUSURA DI TESTATA INCLUSA



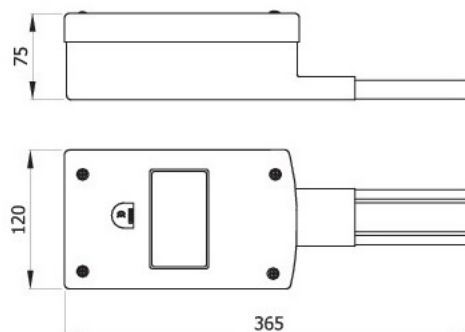
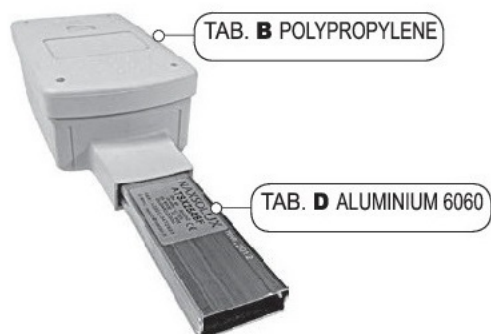
3P + N + PE
AMP 25 A
IP 41 - *IP 55
0,220
6 mm ² TERMINAL BLOCK MORSETTIERA
0,57 Dm ³ VOLUME AFTER PACKING VOLUME IMBALLATO

AT DX 25AF FEED UNIT END CUP INCLUDED
CHIUSURA DI TESTATA INCLUSA



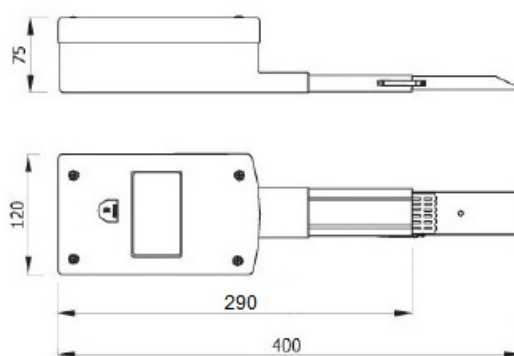
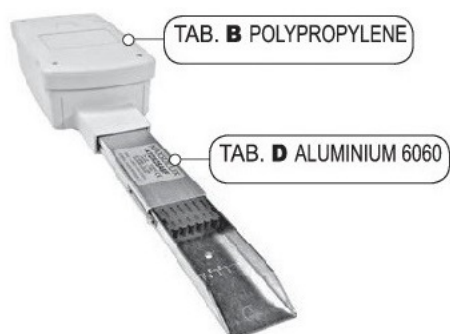
3P + N + PE
AMP 25 A
IP 41 - *IP 55
0,380
6 mm ² TERMINAL BLOCK MORSETTIERA
0,82 Dm ³ VOLUME AFTER PACKING VOLUME IMBALLATO

ATSX 25A6F FEED UNIT END CUP INCLUDED
CHIUSURA DI TESTATA INCLUSA



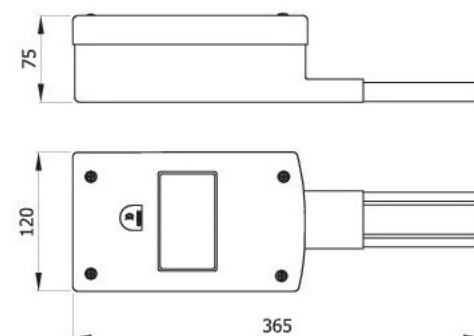
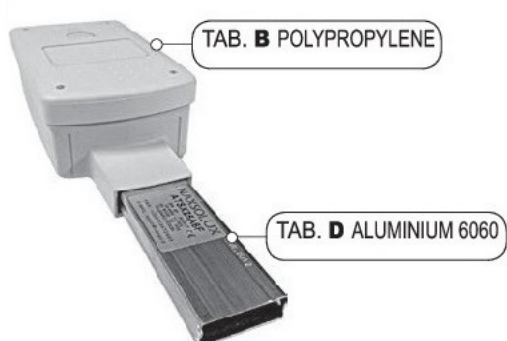
5P + N + PE
AMP 25 A
IP 41 - *IP 55
0,583
6 mm ² TERMINAL BLOCK MORSETTIERA
3,20 Dm ³ VOLUME AFTER PACKING VOLUME IMBALLATO

ATDX 25A6F FEED UNIT END CUP INCLUDED
CHIUSURA DI TESTATA INCLUSA

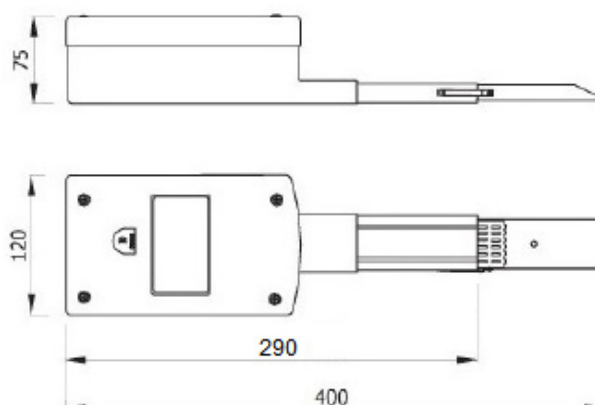
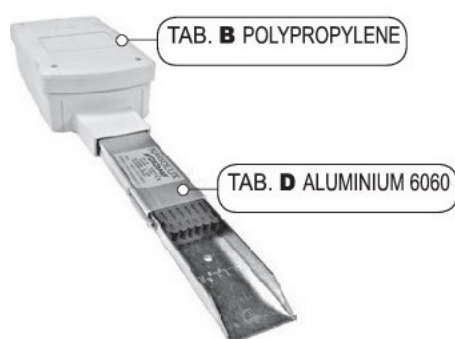


5P + N + PE
AMP 25 A
IP 41 - *IP 55
0,850
6 mm ² TERMINAL BLOCK MORSETTIERA
4,10 Dm ³ VOLUME AFTER PACKING VOLUME IMBALLATO

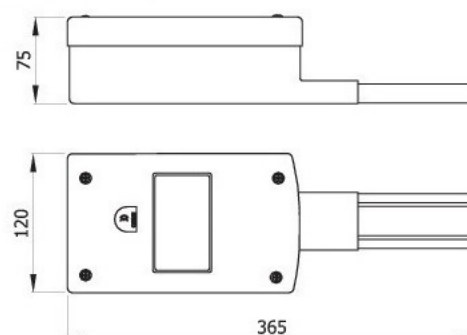
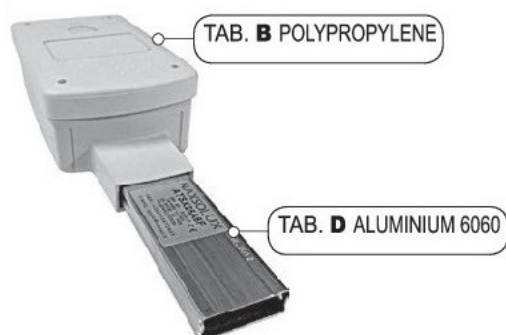
ATSX 40A6F FEED UNIT END CUP INCLUDED
CHIUSURA DI TESTATA INCLUSA



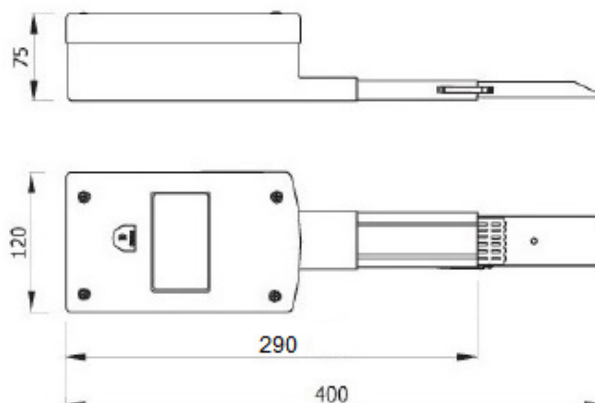
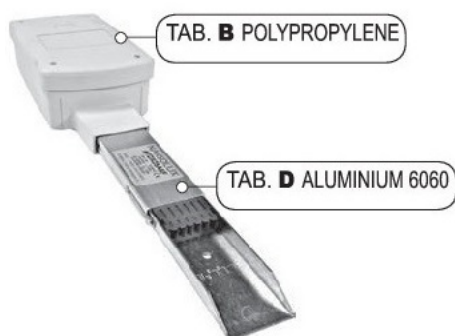
5P + N + PE
AMP 40 A
IP 41 - *IP 55
0,606
16 mm ² TERMINAL BLOCK MORSETTIERA
3,20 Dm ³ VOLUME AFTER PACKING VOLUME IMBALLATO

**ATDX 40A6F****FEED UNIT END CUP INCLUDED**
CHIUSURA DI TESTATA INCLUSA

5P + N + PE
AMP 40 A
IP 41 - *IP 55
0,850
16 mm ² TERMINAL BLOCK MORSETTIERA
4,10 Dm ³ VOLUME AFTER PACKING VOLUME IMBALLATO

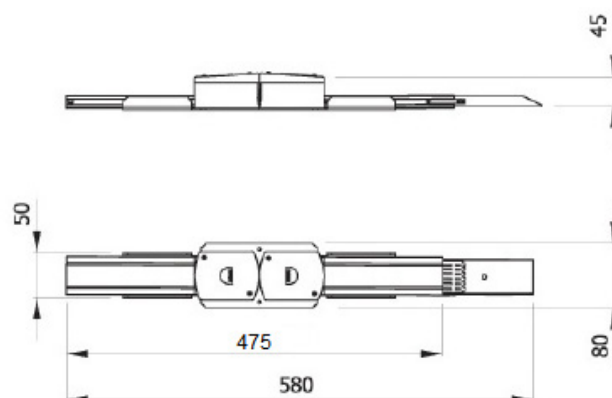
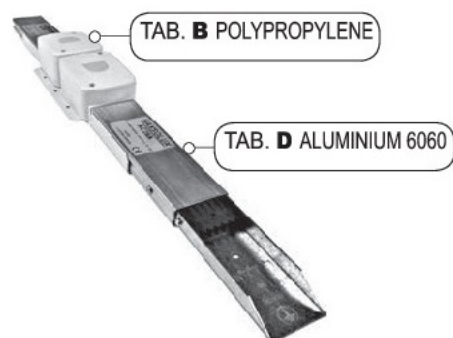
**ATSX 63A6F****FEED UNIT END CUP INCLUDED**
CHIUSURA DI TESTATA INCLUSA

5P + N + PE
AMP 63 A
IP 41 - *IP 55
0,606
16 mm ² TERMINAL BLOCK MORSETTIERA
3,20 Dm ³ VOLUME AFTER PACKING VOLUME IMBALLATO

**ATDX 63A6F****FEED UNIT END CUP INCLUDED**
CHIUSURA DI TESTATA INCLUSA

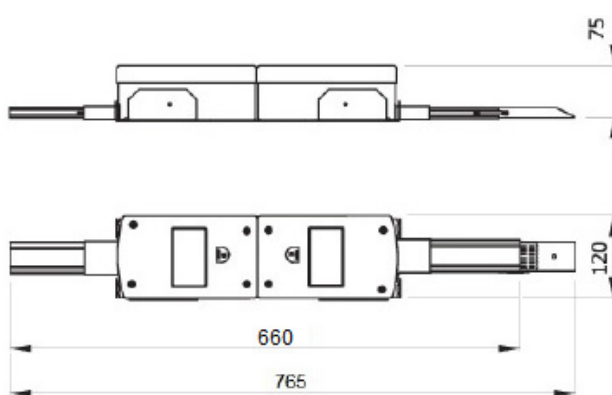
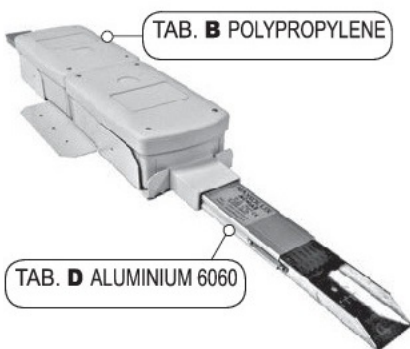
5P + N + PE
AMP 63 A
IP 41 - *IP 55
0,850
16 mm ² TERMINAL BLOCK MORSETTIERA
4,10 Dm ³ VOLUME AFTER PACKING VOLUME IMBALLATO

AC 25A CENTER FEED END CUP INCLUDED
CHIUSURA DI TESTATA INCLUSA



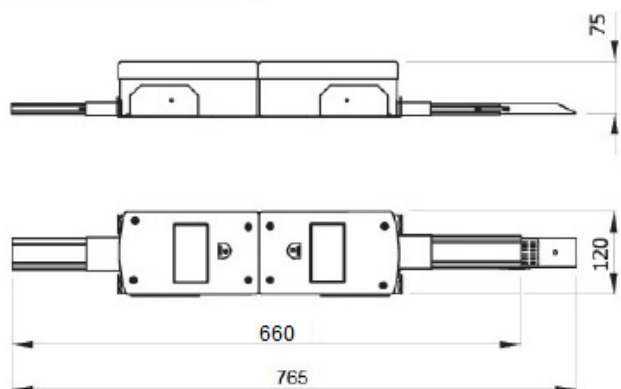
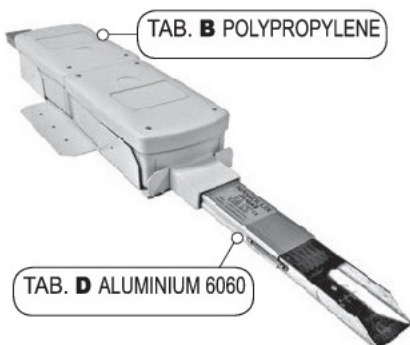
3P + N + PE
AMP 25 A
IP 41 - *IP 55
0,950
6 mm ² TERMINAL BLOCK MORSETTIERA
4,10 Dm ³ VOLUME AFTER PACKING VOLUME IMBALLATO

AC 25A6 CENTER FEED END CUP INCLUDED
CHIUSURA DI TESTATA INCLUSA



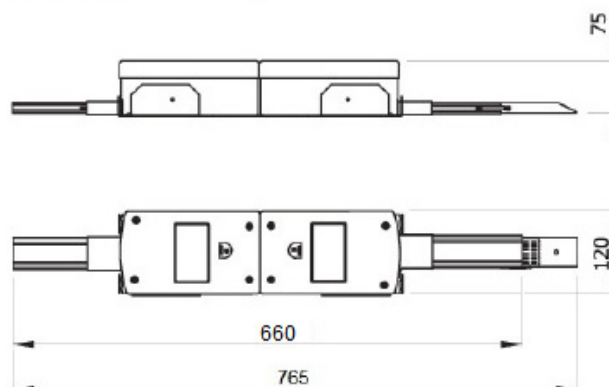
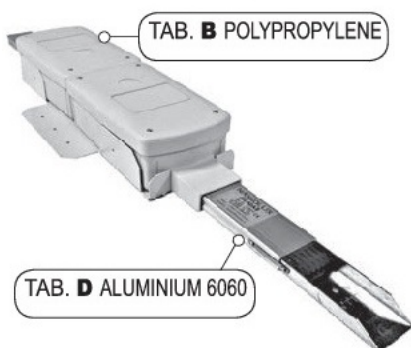
5P + N + PE
AMP 25 A
IP 41 - *IP 55
2,550
6 mm ² TERMINAL BLOCK MORSETTIERA
7,70 Dm ³ VOLUME AFTER PACKING VOLUME IMBALLATO

AC 40A6 CENTER FEED END CUP INCLUDED
CHIUSURA DI TESTATA INCLUSA



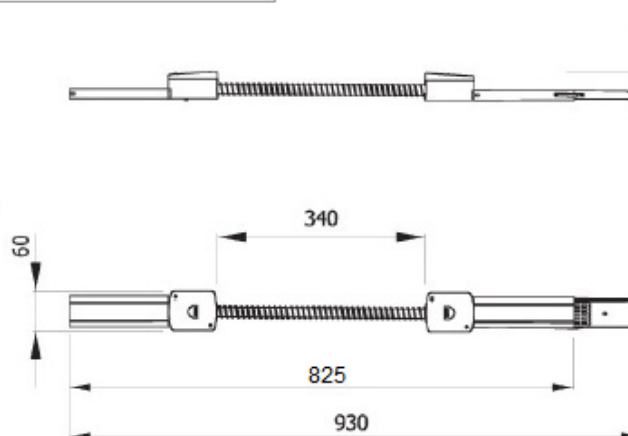
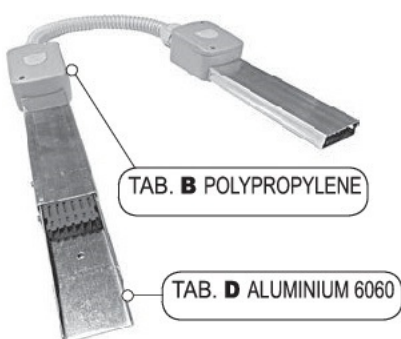
5P + N + PE
AMP 40 A
IP 41 - *IP 55
2,624
16 mm ² TERMINAL BLOCK MORSETTIERA
7,70 Dm ³ VOLUME AFTER PACKING VOLUME IMBALLATO

AC 63A6 CENTER FEED END CUP INCLUDED
CHIUSURA DI TESTATA INCLUSA



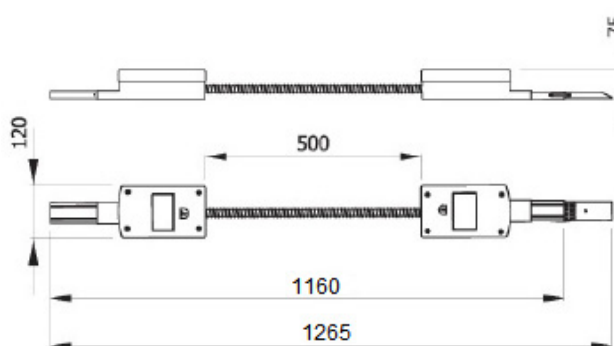
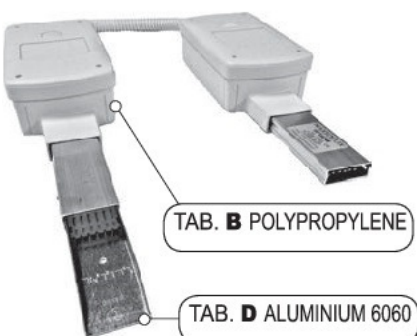
5P + N + PE
AMP 63 A
IP 41 - *IP 55
3,900
20 mm ² TERMINAL BLOCK MORSETTIERA
8,00 Dm ³ VOLUME AFTER PACKING VOLUME IMBALLATO

GFX 25A FLEXIBLE ELEMENT



3P + N + PE
AMP 25 A
IP 41 - *IP 55
0,786
10,00 Dm ³ VOLUME AFTER PACKING VOLUME IMBALLATO

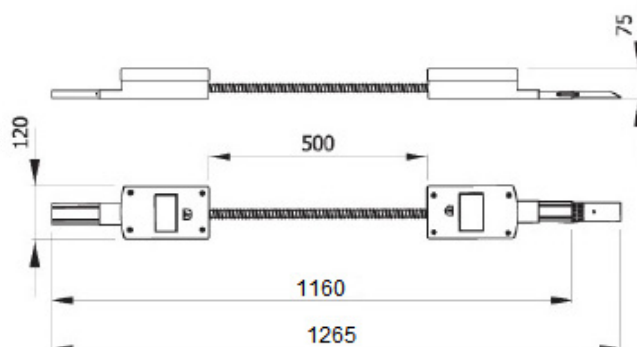
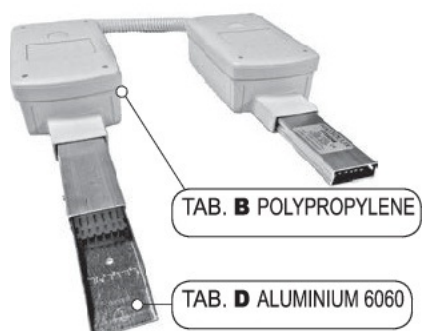
GFX 25A6 FLEXIBLE ELEMENT



5P + N + PE
AMP 25 A
IP 41 - *IP 55
2,084
10,00 Dm ³ VOLUME AFTER PACKING VOLUME IMBALLATO



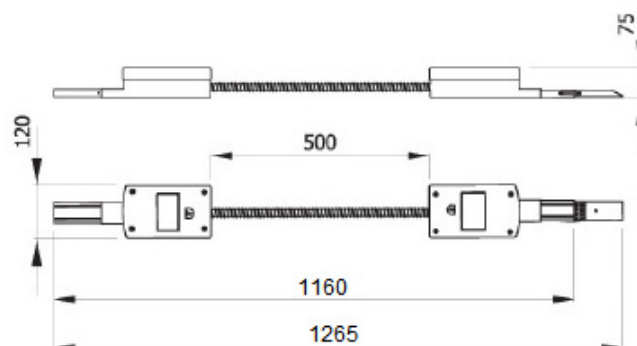
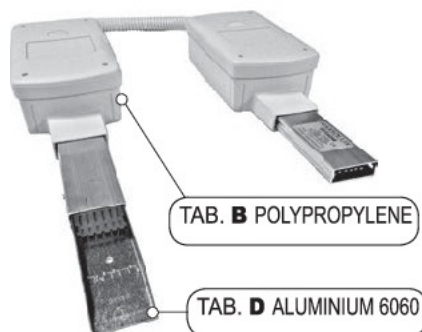
GFX 40A FLEXIBLE ELEMENT



3P + N + PE
AMP 25 - 40 A
IP 41 - *IP 55
2,200
26,00 Dm ³ VOLUME AFTER PACKING VOLUME IMBALLATO



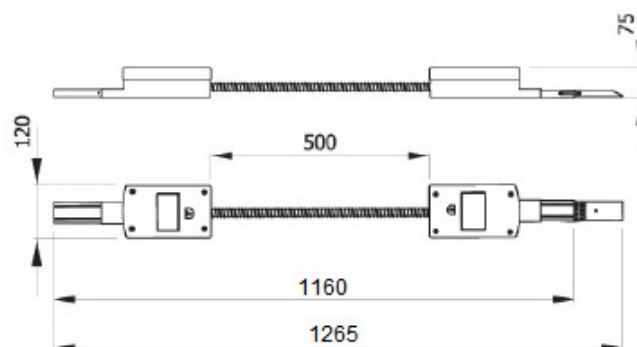
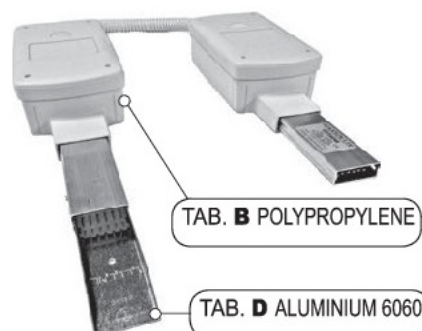
GFX 40A6 FLEXIBLE ELEMENT



5P + N + PE
AMP 40 A
IP 41 - *IP 55
2,250
26,00 Dm ³ VOLUME AFTER PACKING VOLUME IMBALLATO

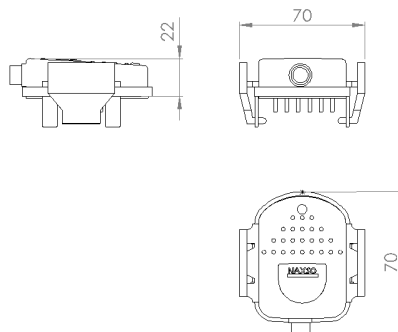
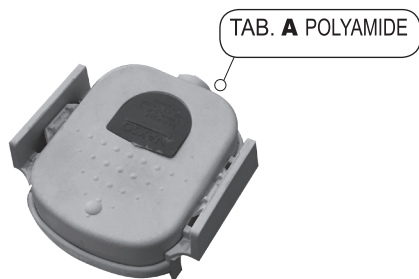


GFX 63A6 FLEXIBLE ELEMENT



5P + N + PE
AMP 63 A
IP 41 - *IP 55
3,500
26,00 Dm ³ VOLUME AFTER PACKING VOLUME IMBALLATO

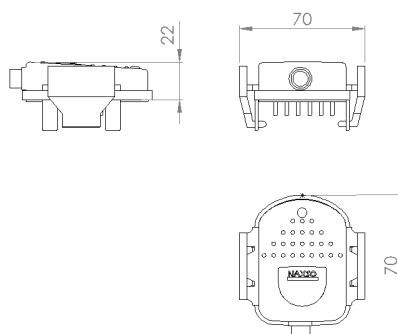
 SM 10AN TAP OFF



STANDARD 2 DIRECT CONTACTS 10A - 2 contatti diretti da 10A

N + L + PE
AMP 10 A
IP 41 - *IP 55
 0,084
 MAX 2,5 mm ²
 0,230 Dm ³ VOLUME AFTER PACKING VOLUME IMBALLATO

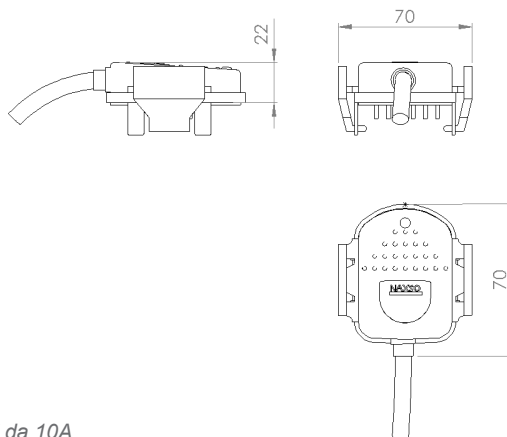
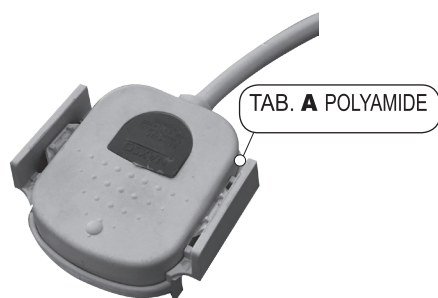
 SM 16AN TAP OFF



STANDARD 2 DIRECT CONTACTS 16A - 2 contatti diretti da 16A

N + L + PE
AMP 16 A
IP 41 - *IP 55
 0,086
 MAX 2,5 mm ²
 0,230 Dm ³ VOLUME AFTER PACKING VOLUME IMBALLATO

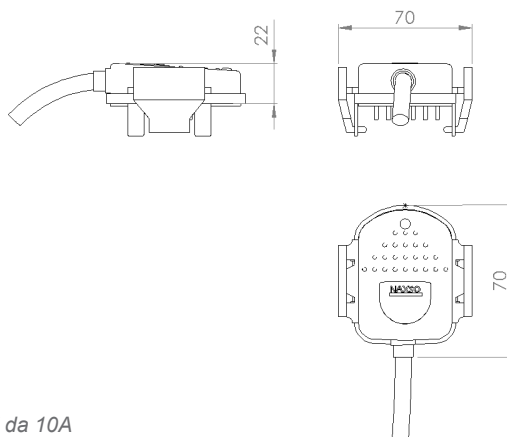
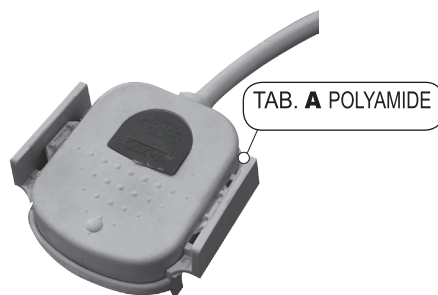
 SM 10ACRN TAP OFF



STANDARD 2 DIRECT CONTACTS 10A - 2 contatti diretti da 10A

N + L1 + PE
AMP 10 A
IP 41 - *IP 55
 0,165
 3 x 1,5 mm ² L = 0,8 mt ²
 0,580 Dm ³ VOLUME AFTER PACKING VOLUME IMBALLATO
L1N = IFSR 

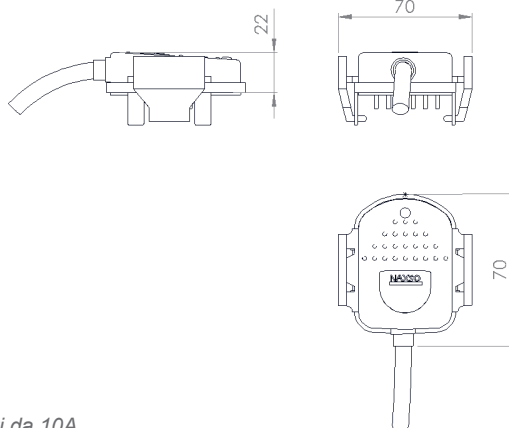
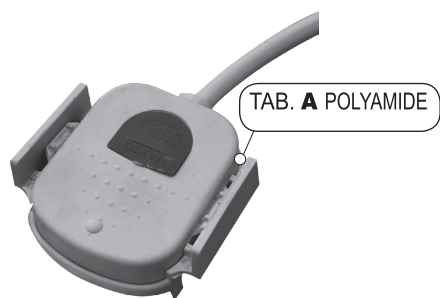
 SM 10ACGN TAP OFF



STANDARD 2 DIRECT CONTACTS 10A - 2 contatti diretti da 10A

N + L2 + PE
AMP 10 A
IP 41 - *IP 55
 0,165
 3 x 1,5 mm ² L = 0,8 mt ²
 0,580 Dm ³ VOLUME AFTER PACKING VOLUME IMBALLATO
L2N = IFSG 

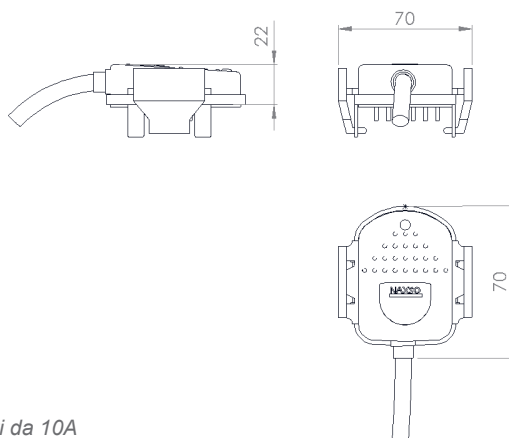
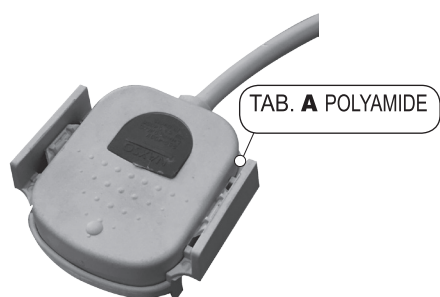
SM 10ACBN TAP OFF



STANDARD 2 DIRECT CONTACTS 10A - 2 contatti diretti da 10A

N + L3 + PE
AMP 10 A
IP 41 - *IP 55
0,165
3 x 1,5 mm ² L = 0,8 mt ²
0,580 Dm ³ VOLUME AFTER PACKING VOLUME IMBALLATO
L3N = IFSB

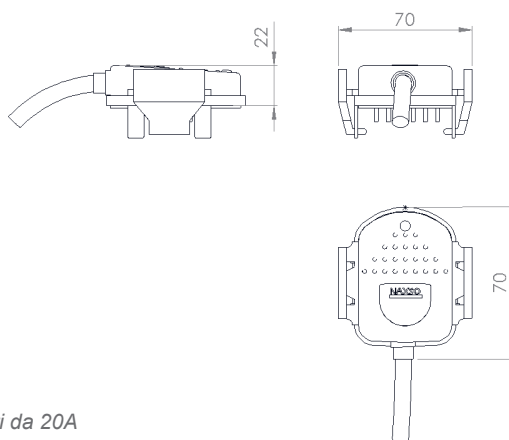
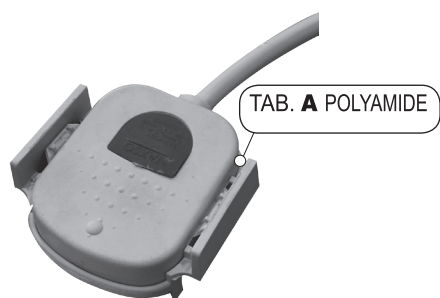
SM 10ACVN TAP OFF



STANDARD 2 DIRECT CONTACTS 10A - 2 contatti diretti da 10A

L5 + L6 + PE
AMP 10 A
IP 41 - *IP 55
0,165
3 x 1,5 mm ² L = 0,8 mt ²
0,580 Dm ³ VOLUME AFTER PACKING VOLUME IMBALLATO
L4 L5 = IFSV

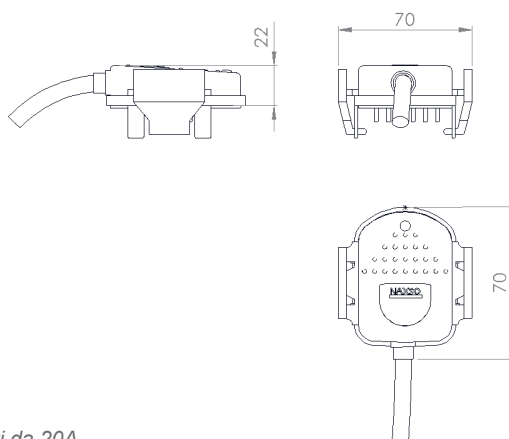
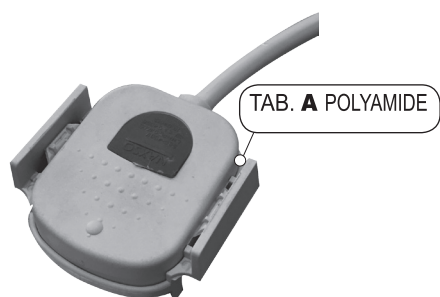
SM 20ACRN TAP OFF



STANDARD 2 DIRECT CONTACTS 20A - 2 contatti diretti da 20A

N + L1 + PE
AMP 20 A
IP 41 - *IP 55
0,170
3 x 1,5 mm ² L = 0,8 mt ²
0,580 Dm ³ VOLUME AFTER PACKING VOLUME IMBALLATO
N L1 = IFSR

SM 20ACBN TAP OFF



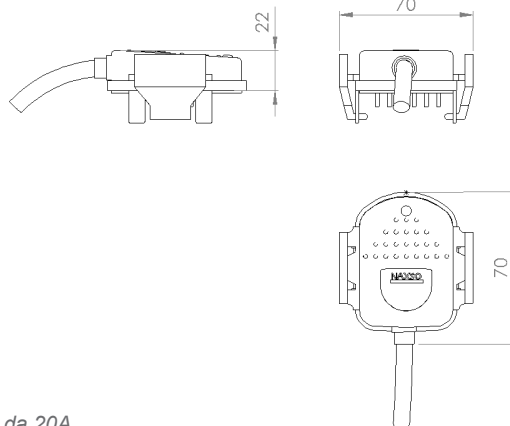
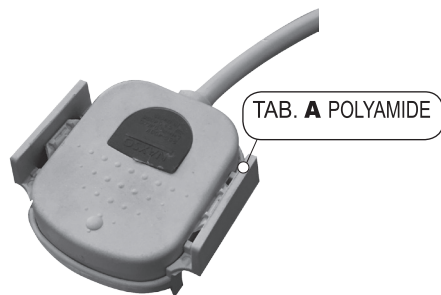
STANDARD 2 DIRECT CONTACTS 20A - 2 contatti diretti da 20A

N + L3 + PE
AMP 20 A
IP 41 - *IP 55
0,170
3 x 2,5 mm ² L = 0,8 mt ²
0,6 Dm ³ VOLUME AFTER PACKING VOLUME IMBALLATO
L3N = IFSB



SM 20ACGN

TAP OFF



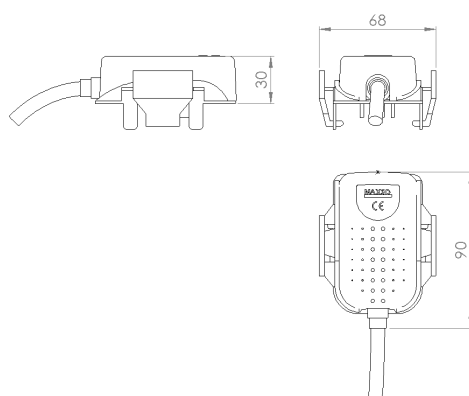
STANDARD 2 DIRECT CONTACTS 20A - 2 contatti diretti da 20A

N + L2 + PE
AMP 20 A
IP 41 - *IP 55
0,170
3 x 2,5 mm² L = 0,8 mt²
0,6 Dm³ VOLUME AFTER PACKING VOLUME IMBALLATO
L2N = IFSG



SFIP 55CRN

TAP OFF



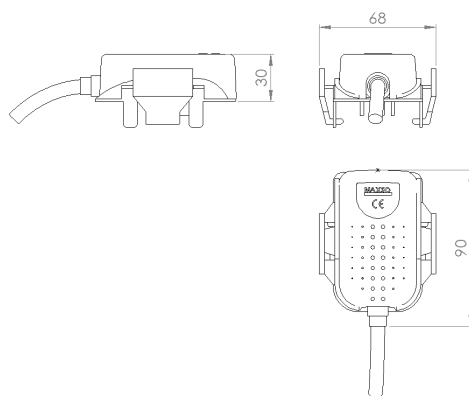
STANDARD 1 FUSE CONTACT+1 DIRECT CONTACT - 1 contatto fusibile+ 1 contatto diretto

N+L1+PE
AMP 6,3 A
IP 41 - *IP 55
0,163
2,5 mm² Max 4mm² TERMINAL BLOCK MORSETTIERA
0,75 Dm³ VOLUME AFTER PACKING VOLUME IMBALLATO
3 x 1,5 mm² L = 0,8 mt²
5 x 20 - 6,3A
L1N = IFSR



SFIP 55CGN

TAP OFF



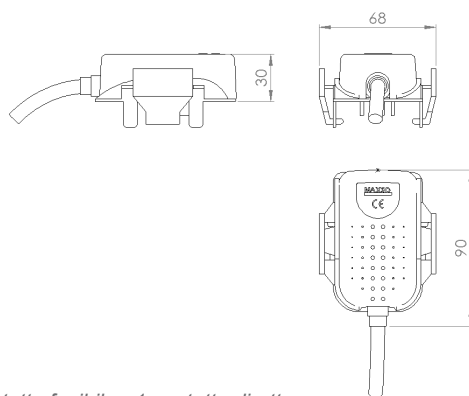
STANDARD 1 FUSE CONTACT+1 DIRECT CONTACT - 1 contatto fusibile+ 1 contatto diretto

N+L2+PE
AMP 6,3 A
IP 41 - *IP 55
0,163
2,5 mm² Max 4mm² TERMINAL BLOCK MORSETTIERA
0,75 Dm³ VOLUME AFTER PACKING VOLUME IMBALLATO
3 x 1,5 mm² L = 0,8 mt²
5 x 20 - 6,3A
L2N = IFSG



SFIP 55CBN

TAP OFF



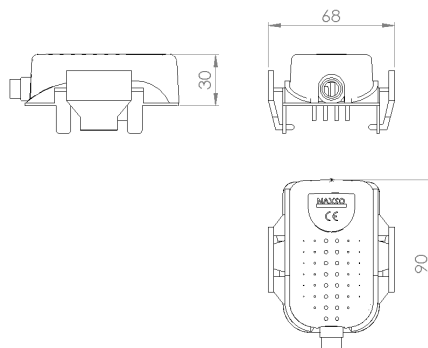
STANDARD 1 FUSE CONTACT+1 DIRECT CONTACT - 1 contatto fusibile+ 1 contatto diretto

N+L3+PE
AMP 6,3 A
IP 41 - *IP 55
0,163
2,5 mm² Max 4mm² TERMINAL BLOCK MORSETTIERA
0,75 Dm³ VOLUME AFTER PACKING VOLUME IMBALLATO
3 x 1,5 mm² L = 0,8 mt²
5 x 20 - 6,3A
L3N = IFSB



SFIPN

TAP OFF



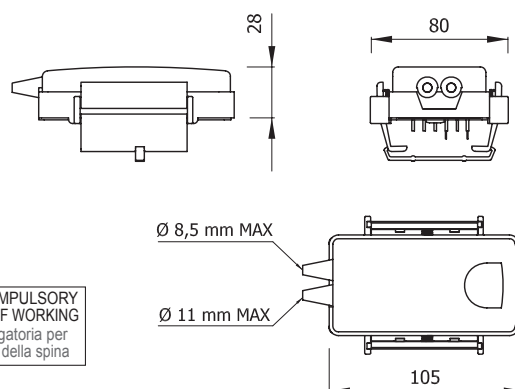
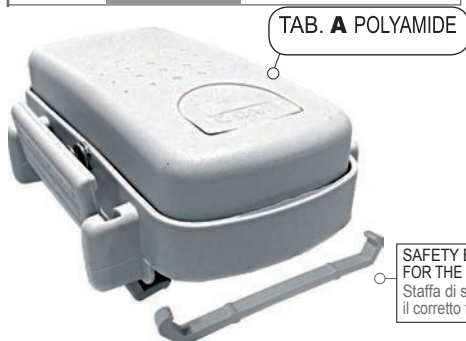
1P + N + PE
AMP 6,3 A
IP 41 - *IP 55
0,068
2,5 mm ² Max 4mm ² TERMINAL BLOCK MORSETTIERA
0,75 Dm ³ VOLUME AFTER PACKING VOLUME IMBALLATO
5 x 20 - 6,3A

STANDARD 1 FUSE CONTACT+1 DIRECT CONTACT - 1 contatto fusibile+ 1 contatto diretto



SBM 6A

TAP OFF



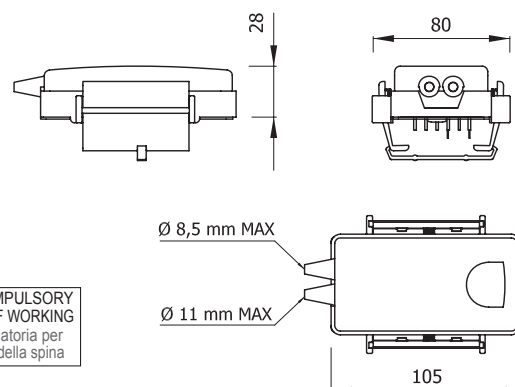
N+L+PE
AMP 6,3 A
IP 41 - *IP 55
0,130
2,5 mm ² Max 6mm ² TERMINAL BLOCK MORSETTIERA
0,75 Dm ³ VOLUME AFTER PACKING VOLUME IMBALLATO
5 x 20 - 6,3A

STANDARD 1 FUSE CONTACT+1 DIRECT CONTACT - 1 contatto fusibile+ 1 contatto diretto



SBM 16A

TAP OFF



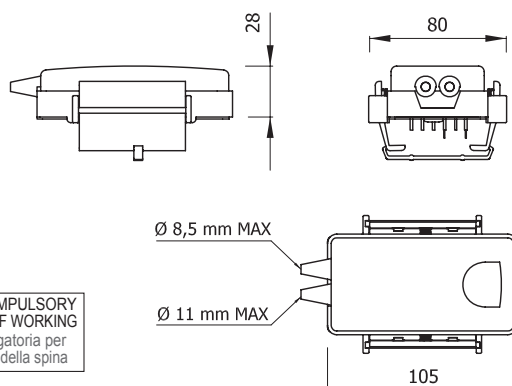
N+L+PE
AMP 16 A
IP 41 - *IP 55
0,130
2,5 mm ² Max 6mm ² TERMINAL BLOCK MORSETTIERA
0,75 Dm ³ VOLUME AFTER PACKING VOLUME IMBALLATO
5 x 20 - 16A

STANDARD 1 FUSE CONTACT+1 DIRECT CONTACT - 1 contatto fusibile+ 1 contatto diretto



SBM 20A

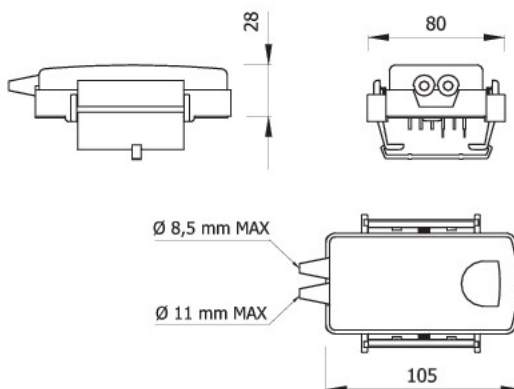
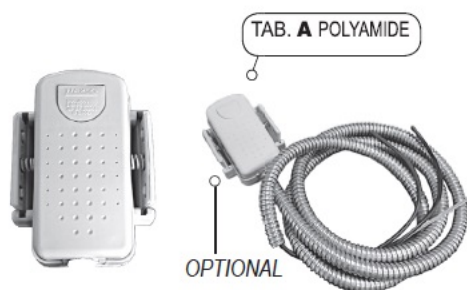
TAP OFF



1P + N + PE
AMP 20 A
IP 41 - *IP 55
0,130
2,5 mm ² Max 6mm ² TERMINAL BLOCK MORSETTIERA
CMSF20 + 1 CMCF20 + 1
0,75 Dm ³ VOLUME AFTER PACKING VOLUME IMBALLATO
5 x 20 - 20A

STANDARD 1 FUSE CONTACT+1 DIRECT CONTACT - 1 contatto fusibile+ 1 contatto diretto

SBM 32A TAP OFF



1P + N + PE
AMP 32 A
IP 41 - *IP 55
0,130
2,5 mm² Max 6mm² TERMINAL BLOCK MORSETTIERA
CMSF 32 x 2
0,75 Dm³ VOLUME AFTER PACKING VOLUME IMBALLATO
3 x 6 mm² L = 3 mt²

STANDARD 2 DIRECT CONTACTS 32 A
2 contatti diretti da 32 A

MOUSE TAP OFF



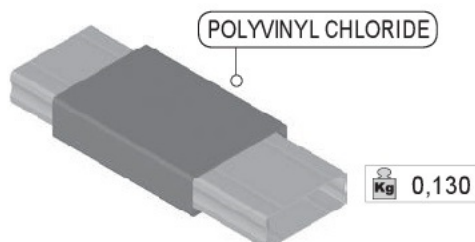
UP TO SIX POLES
POSSIBILITY MOUSE
DIRECT CONTACT
0,75 mm² CABLE
*Possibili 6 contatti diretti
con cavo da 0,75 mm²*

BIG MOUSE TAP OFF

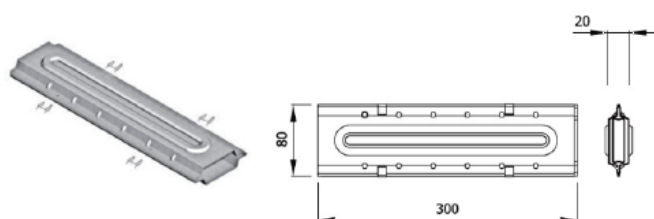


UP TO SIX POLES
POSSIBILITY MOUSE
DIRECT CONTACT
6 mm² CABLE
*Possibili 6 contatti con oppure
senza fusibile, cavo massimo
6 mm²*

GRIP 55 IP 55 PART

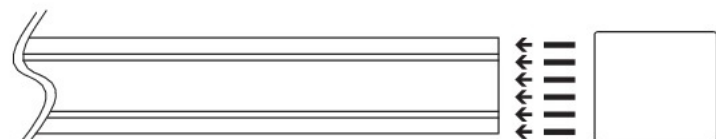
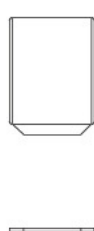
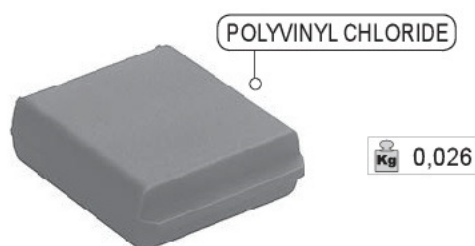


GRFP REINFORCEMENT SLEEVE
Staffa di rinforzo

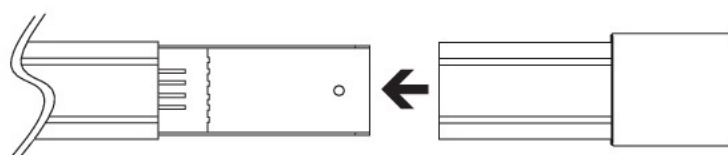
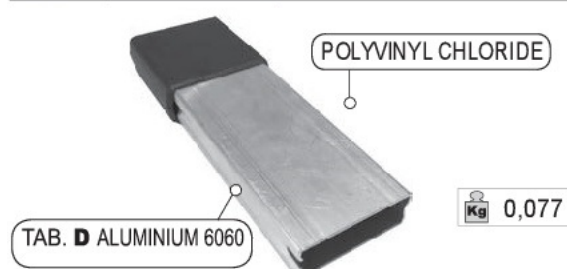


0,304
1,000 Dm³ VOLUME AFTER PACKING VOLUME IMBALLATO

CTIP 55 IP 55 END CUP FOR ATSX
CHIUSURA DI TESTATA PER ALIMENTATORI ATSX



CTIP 55DX IP 55 END CUP FOR ATDX
CHIUSURA DI TESTATA PER ALIMENTATORI ATDX





TAB. A POLYAMIDE
pag 101



COLORED PINS TO IDENTIFY CIRCUITS
SCUDETTI IDENTIFICATIVI



TAB. A POLYAMIDE
pag 101



RED
ROSSO

YELLOW
GIALLO

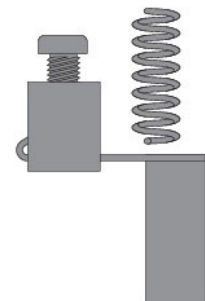
BLUE
BLU

GREEN
VERDE

SPARE CONTACT FOR MOUSE TAP OFF
CONTATTO SCIOLTO PER SPINA MOUSE



1P
AMP 16A
MAX 2,5 mm ²



SPARE DIRECT OR FUSED CONTACT FOR SFIP AND SBM TAP OFF
CONTATTI DIRETTI O CON FUSIBILE PER SPINE TIPO SFIP E SBM





CAT 16-25-32DLUX

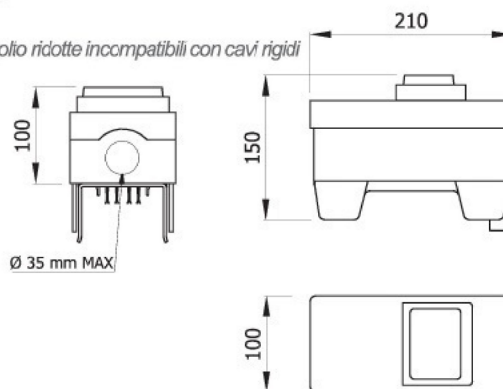
TAP OFF

WARNING: This body is very small

ATTENZIONE: questa spina ha dimensioni molto ridotte incompatibili con cavi rigidi



DIN RAIL (inside)



3P + N + PE
AMP 16-25-32 A
IP 41 - *IP 55
0,950
9,706 Dm ³ VOLUME AFTER PACKING VOLUME IMBALLATO
4 MODULS
DIN RAIL



CAT 16-25-32DCLUX

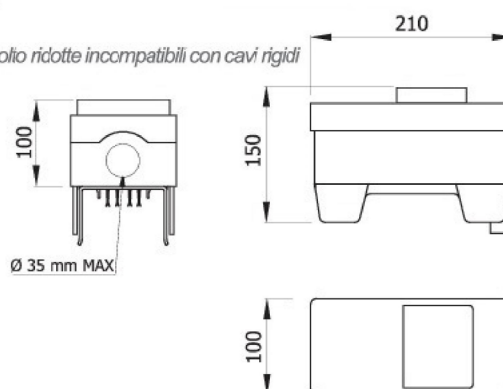
TAP OFF

WARNING: This body is very small

ATTENZIONE: questa spina ha dimensioni molto ridotte incompatibili con cavi rigidi



DIN RAIL (inside)



3P + N + PE
AMP 16-25-32 A
IP 41 - *IP 55
0,950
9,706 Dm ³ VOLUME AFTER PACKING VOLUME IMBALLATO
4 MODULS
DIN RAIL



CAT 16-25-32DTLUX

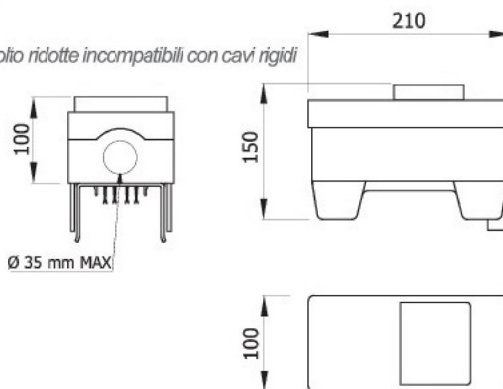
TAP OFF

WARNING: This body is very small

ATTENZIONE: questa spina ha dimensioni molto ridotte incompatibili con cavi rigidi



DIN RAIL (inside)



3P + N + PE
AMP 16-25-32 A
IP 41 - *IP 55
0,950
9,706 Dm ³ VOLUME AFTER PACKING VOLUME IMBALLATO
4 MODULS
DIN RAIL



CAT 16-25-32FLUX

TAP OFF

WARNING: This body is very small

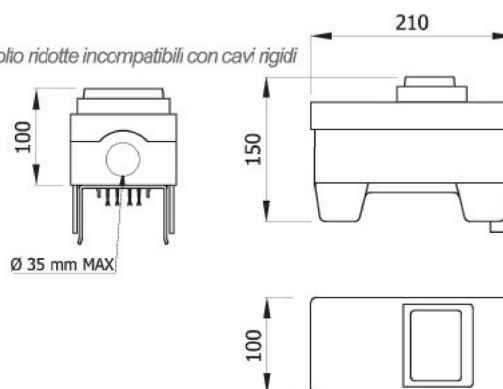
ATTENZIONE: questa spina ha dimensioni molto ridotte incompatibili con cavi rigidi



DIN RAIL (inside)



FUSE HOLDER

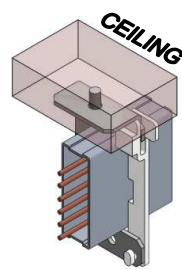
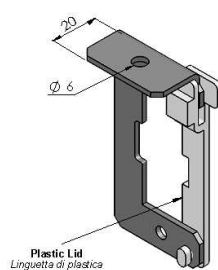
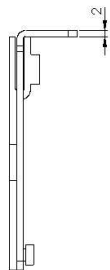
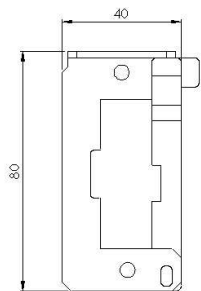


3P + N + PE
AMP 16-25-32 A
IP 41 - *IP 55
1,000
9,706 Dm ³ VOLUME AFTER PACKING VOLUME IMBALLATO
10 x 38
4 MODULS
DIN RAIL

CONDUCTORS CROSS SECTION mm ²		
BUSBAR	ALUMINIUM	COPPER
<i>LIGHTING (BA)</i>		
25A	ONLY IN COPPER	2,5
40A	ONLY IN COPPER	6
63A	ONLY IN COPPER	6,7
<i>POWER (BP)</i>		
40A	36	15
63A	40	18
100A	45	40
160A	65	60
250A	120	70
<i>POWER (BPG)</i>		
250A	216	75
400A	271	100
630A	379	165
800A	515	220
1000A	665	330
1250A	ONLY IN COPPER	440
<i>POWERSANDWICH (PXW)</i>		
1250A	850	450
1600A	1104	600
2000A	1354	750
2500A	1577	960
3200A	1827	600 x2
4000A	1354 x2	750 x2
5000A	1577 x2	960 x2
6300A	1827 x2	ONLY IN ALUMINIUM

STAFFE NAXSOLUX

STCMMP

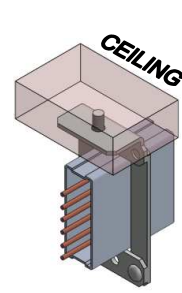
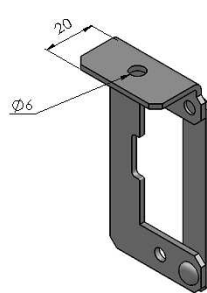
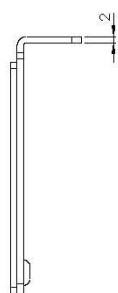
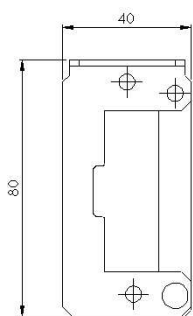


EASY CEILING BRACKETS

PLASTIC STRONG LID

TO BE INSTALLED DIRECTLY ON CEILING
OR TROUGH A THREADED ROD

STCMM

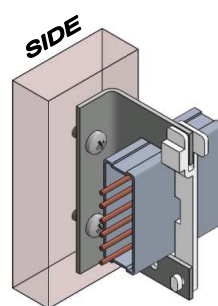
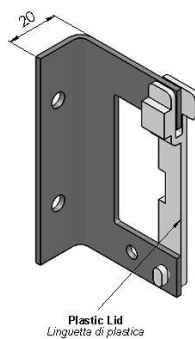
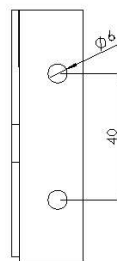
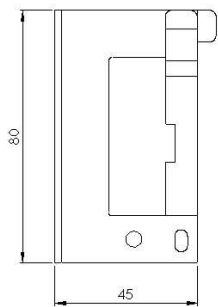


EASY CEILING BRACKETS

METAL LID

TO BE INSTALLED DIRECTLY ON CEILING
OR TROUGH A THREADED ROD

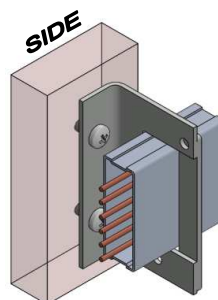
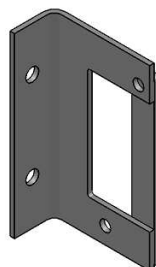
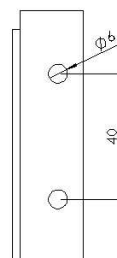
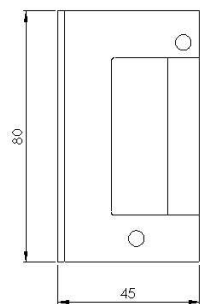
STCAPV



WALL BRACKET

WITH STRONG PLASTIC LID

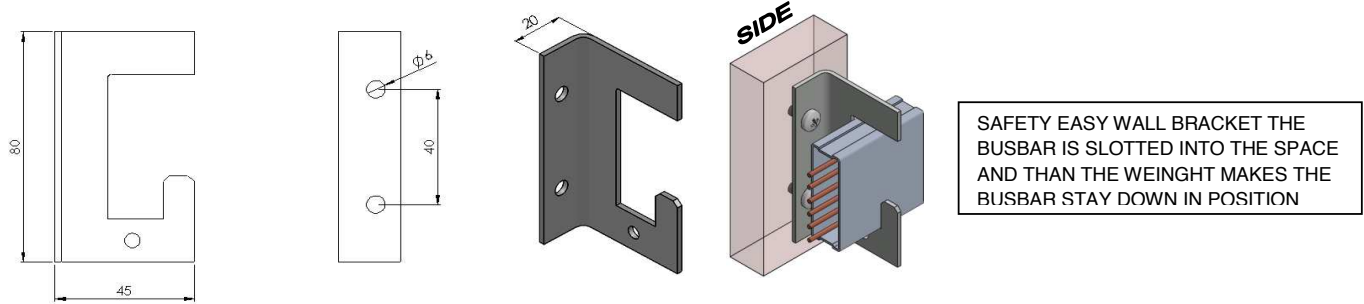
STCAP



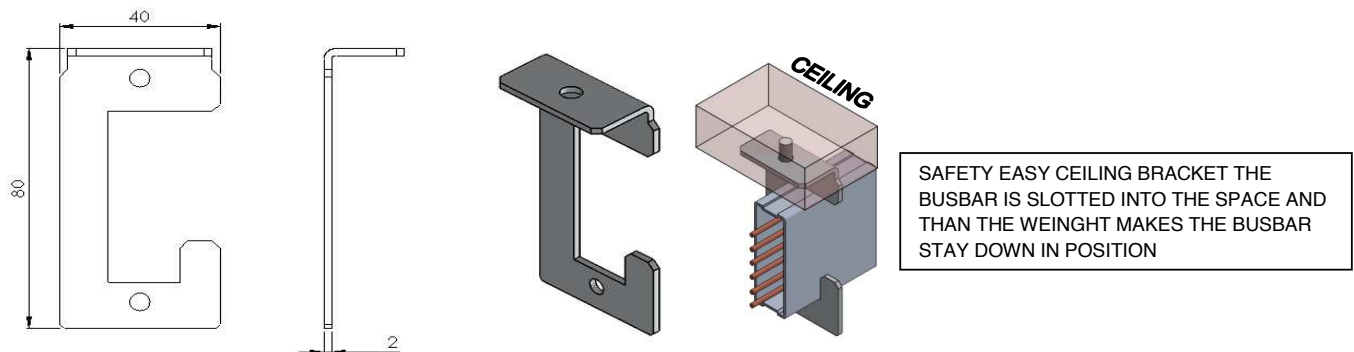
WALL BRACKET

WITH METAL LID

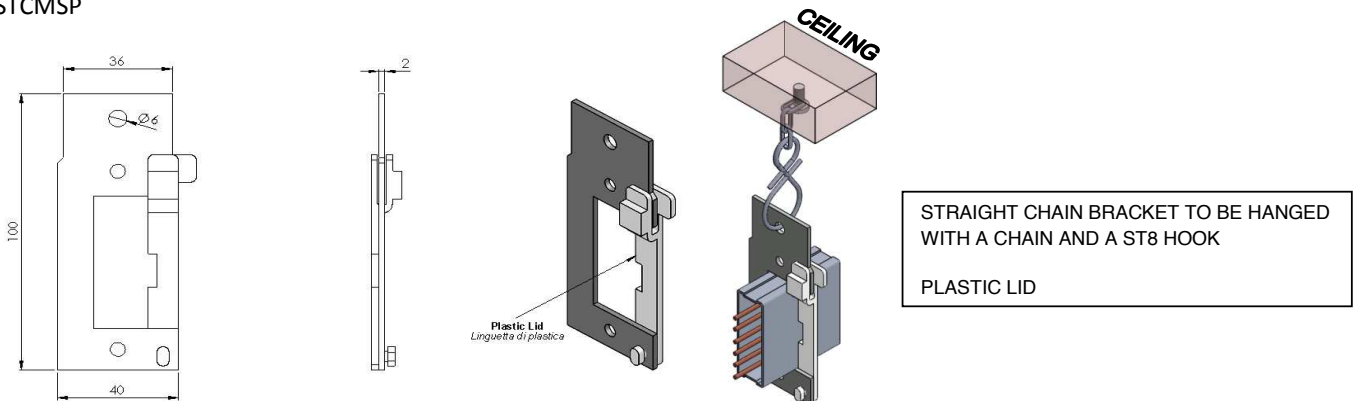
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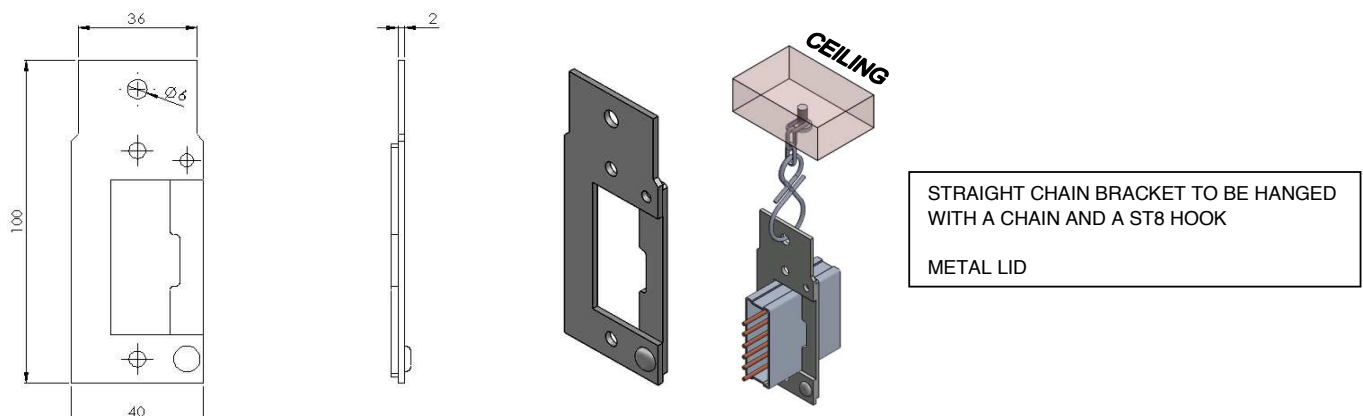
STCAS



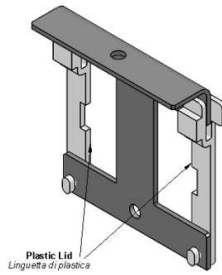
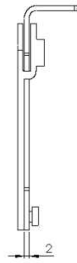
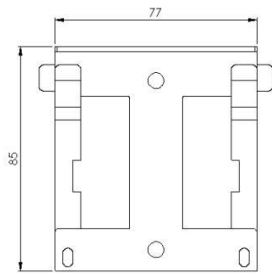
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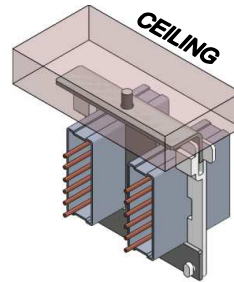
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STCADP



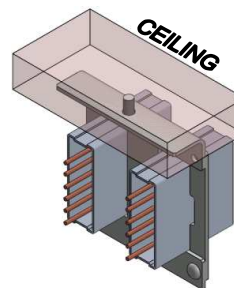
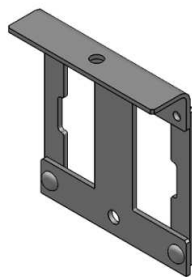
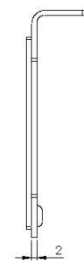
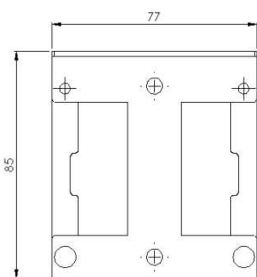
Plastic Lid
Linguetta di plastica



CEILING BRACKET TO LET TWO
BUSBARS BACK TO BACK

INSTALLATION PLASTIC LIDS

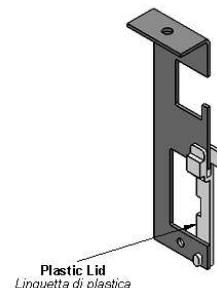
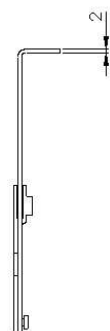
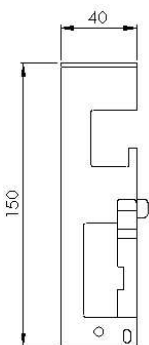
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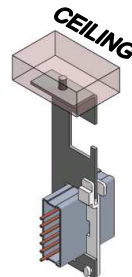
CEILING BRACKET TO LET TWO
BUSBARS BACK TO BACK

INSTALLATION METAL LIDS

STCMCP



Plastic Lid
Linguetta di plastica

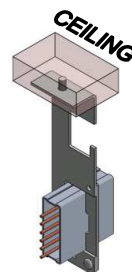
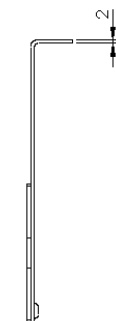
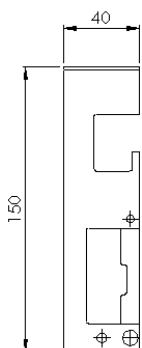


SPECIAL CEILING BRACKET TO LET A BUSBAR
PLUS AN ADDITIONAL CABLE TRAY PLASTIC
OR A PIPE TO BE INSTALLED

PLASTIC LID

ROOM FOR PIPE 20X20 MM

STCMC

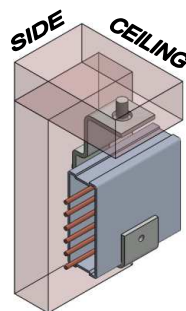
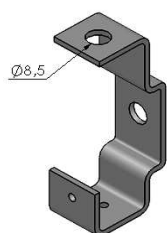
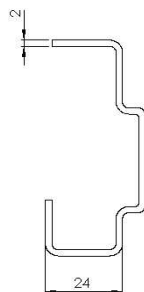
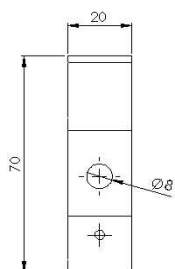


SPECIAL CEILING BRACKET TO LET A BUSBAR
PLUS AN ADDITIONAL CABLE TRAY PLASTIC
OR A PIPE TO BE INSTALLED

METAL LID

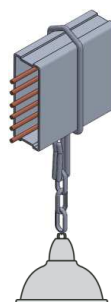
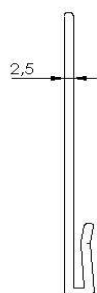
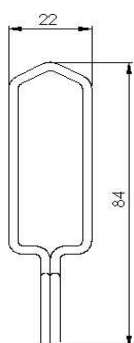
ROOM FOR PIPE 20X20 MM

STM



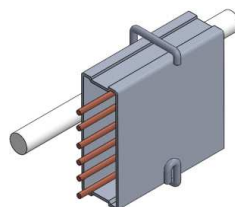
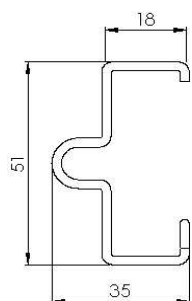
MULTI PURPOSE BRACKET TO LET A
CEILING ON A WALL INSTALLATION
REVERSE WAY CAN EVEN HOLD A LAMP

STCI



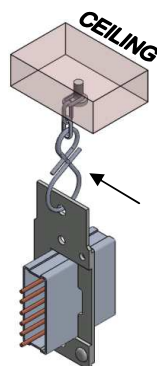
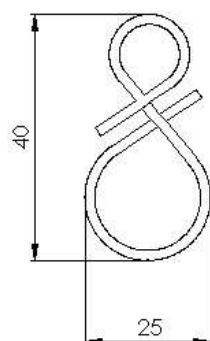
SPRING BRACKET TO BE HANGED TO A
CHAIN OR TO HANG A LAMP

STSAF



SAFETY BRACKET TO FIX STRONGLY THE
CABLE OF THE TAP OFF TO THE BUSBAR

ST8



HOOK SPRING MADE TO HOLD A CHAING

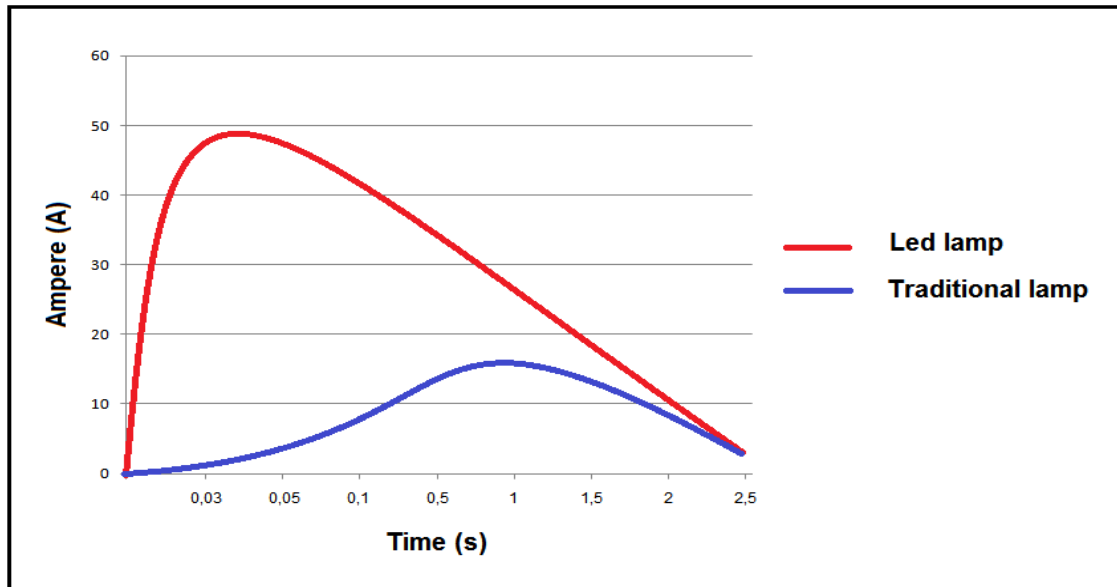
**NAXSOLUX**

NAXSOLUX

Norme / Norms Conformity		EN 61439-6															
		25 A 2 POLI	25 A 4 POLI	25 A 6 POLI	40 A 2 POLI	40 A 4 POLI	40 A 6 POLI	63 A 4 POLI	63 A 6 POLI	25 A 2 + 2 POLI	25 A 4 + 2 POLI	25 A 4 + 4 POLI	25 A 6 + 6 POLI	40 A 2 + 2 POLI	40 A 4 + 2 POLI	40 A 4 + 4 POLI	40 A 6 + 6 POLI
Conduttori attivi Live conductors	nr.	2	4	6	2	4	6	4	6	2+2	4+2	4+4	6+6	2+2	4+2	4+4	6+6
Punti di derivazione (el. 3 mt.) Windows standard (el. 3 Mt.)	nr.	5								5 + 5							
Ingombro del condotto Overall dimensions of the busbar	mm	17X47								36X47							
Spessore dell'involucro Housing thickness	mm	0,8															
Corrente nominale Rated current	In[A]	25	25	25	40	40	40	63	63	25	25	25	25	40	40	40	40
Sezione dei conduttori in Cu L1...L6 Cross section conductors L1...L6	mm²	2,5	2,5	2,5	6	6	6	6,7	6,7	2,5	2,5	2,5	2,5	6	6	6	6
Sezione involucro di protezione (Alluminio) Pe housing (Aluminium)	mm²	100	100	100	100	100	100	100	100	200	200	200	200	200	200	200	200
Frequenza Frequency	f [Hz]	50/60															
Tensione nominale Rated operational voltage	Ue [V]	400															
Tensione di isolamento Rated insulation voltage	Ui [V]	660															
Grado di protezione Protection degre	IP	55															
Corrente ammissibile di breve durata (0,1 sec.) Rated short-time current (0,1 sec.)	Icw [kA]	2,8	2,8	2,8	3,0	3,0	3,0	4,0	4,0	2,8	2,8	2,8	2,8	3,0	3,0	3,0	3,0
Corrente di picco Peak current	Ipk [kA]	4,9	4,9	4,9	5,3	5,3	5,3	7,0	7,0	4,9	4,9	4,9	4,9	5,3	5,3	5,3	5,3
Limite termico Maximum thermal limit	kA² S (I²ax10⁶)	0,784	0,784	0,784	0,9	0,9	0,9	1,6	1,6	0,784	0,784	0,784	0,784	0,9	0,9	0,9	0,9
Resistenza di fase @ 20° C Phase resistance @ 20° C	Re [mΩ/m]	6,7	6,7	6,7	3,2	3,2	3,2	1,4	1,4	6,7	6,7	6,7	6,7	3,2	3,2	3,2	3,2
Reattanza @ 50 hz Reactance @ 50 hz	X [mΩ/m]	0,23	0,23	0,23	0,24	0,24	0,24	0,24	0,24	0,23	0,23	0,23	0,24	0,24	0,24	0,24	0,24
Impedenza di fase Phase impedance	Z [mΩ/m]	6,7	6,7	6,7	3,2	3,2	3,2	1,4	1,4	6,7	6,7	6,7	6,7	3,2	3,2	3,2	3,2
Resistenza del conduttore di protezione Resistance of protective bar	Rpe [mΩ/m]	0,32	0,32	0,32	0,32	0,32	0,32	0,32	0,32	0,16	0,16	0,16	0,16	0,16	0,16	0,16	0,16
Reattanza @ 50 hz conduttore di protezione Reactance @ 50 hz protective bar	Xpe [mΩ/m]	0,22	0,22	0,22	0,22	0,22	0,22	0,22	0,22	0,28	0,28	0,28	0,28	0,28	0,28	0,28	0,28
Resistenza anello di guasto Resistance of fault loop	R0 [mΩ/m]	7,0	7,0	7,0	3,5	3,5	3,5	1,7	1,7	6,9	6,9	6,9	6,9	3,3	3,3	3,3	3,3
Reattanza @ 50 hz anello di guasto Reactance @ 50 hz fault loop	X0 [mΩ/m]	0,45	0,45	0,45	0,45	0,45	0,45	0,45	0,45	0,39	0,39	0,39	0,39	0,39	0,39	0,39	0,39
Impedenza anello di guasto Fault loop impedance	Z0 [mΩ/m]	7,1	7,1	7,1	3,5	3,5	3,5	1,8	1,8	6,9	6,9	6,9	6,9	3,4	3,4	3,4	3,4
Perdite joule Joule losses i² R	W / m	8,4	12,6	21,0	10,1	15,2	25,4	16,7	16,7	16,8	21,0	25,2	42,0	20,3	25,4	30,4	33,3
Caduta di tensione con carico distribuito Voltage drop with distributed load [V/m/A] 10⁻³	Per COS Φ=	0,8	5,51	4,77	4,77	2,32	2,32	2,32	1,09	1,09	4,77	4,77	4,77	4,78	2,32	2,32	2,32
		0,9	6,15	5,32	5,32	2,56	2,56	2,56	1,18	1,18	5,32	5,32	5,32	5,33	2,56	2,56	2,56
		1	6,72	5,82	5,82	2,75	2,75	2,75	1,21	1,21	5,82	5,82	5,82	5,82	2,75	2,75	2,75
Temperatura ambiente Ambient temperature min/max	T [°C]	-5°C / +50°C															

INRUSH CURRENT LED

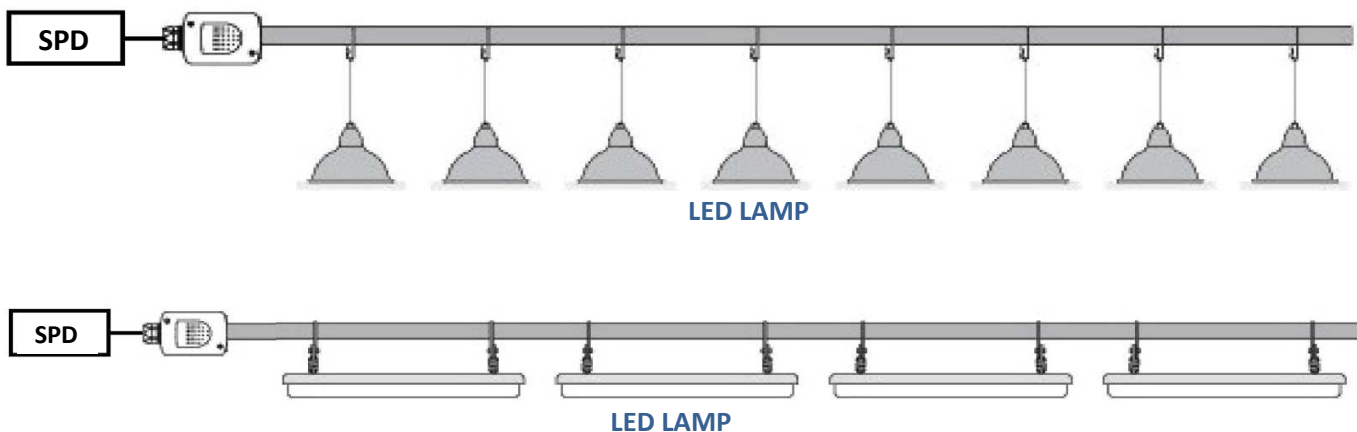
A GREAT ATTENTION HAVE TO BE FOCUSED ON LED LAMPS REGARDING THE AC INRUSH CURRENT ALL SINGLE LAMPS HAVE AN INTERNAL FEED UNIT THAT MAY BE CONSTANT CURRENT MODE OR CONSTANT VOLTAGE MODE THE TWO OF THEM SO ALL LAMPS HAVE A INRUSH CURRENT DRAMMATICALLY HIGHER THAN OLD TRADITIONAL LAMPS WHERE INRUSH CURRENT COULD BE 2 TO 5 TIMES THE NOMINAL RATING NOW IN NEW LED LAMPS INRUSH CURRENT CAN BE 25 TO 40 TIMES THE NOMINAL RATING ALL MANUFACTURERS SHOWS THE INRUSH CURRENT FOR THE TIME (0,01 TO 0,03 SECONDS) THIS PHENOMENON CAUSE FOR SURE A VERY HIGH OVERLOAD IN THE NETWORK EVEN IF THE TIMING IS EXTREMELY SHORT THE RESULT IS THAT AT EVERY SWITCHING ON THE NETWORK SUFFERS AN ENOURMOUS OVERLOAD AND THE RESULT IS AFTER MONTHS ALL THE NETWORK WILL DEFAULT OR HAVE A BIG SHOCK.



TO SOLVE OR REDUCE THIS EFFECT LAMPS MANUFACTURERS SUGGEST TWO WAYS :

- A-** TO PUT AT THE BEGINNING OF A LINE AN **SPD** (*SURGE PROTECTION DEVICE*) OR INRUSH CURRENT LIMITER.
- B-** TO DESIGN THE NETWORK DIVIDING THE LINE INTO MORE CIRCUITS LIKE L1N, L2N, L3N, L4N, L5N AND TO SWITCH THEM WITH 1 SECOND OR MORE DELAY ONE TO THE FOLLOWING. SO THAT THE TOTAL INITIAL INRUSH SHOCK IS DIVIDED INTO 3 TO 5 STEPS.

DALI CANNOT DO THIS AS DALI IS WORKING **AFTER** THE LAMP IS FEEDED.



THE LAST MODERN ELECTRONIC PARTS IN AN ELECTRICAL NETWORK
LIKE THYRISTORS COMPUTERS AND ALL THE ELECTRONIC MACHINE CONTROLS HAVE
CAUSED THE ARISE OF A NEW PHENOMENA THAT IS HARMONICS AND DIRTY CURRENT

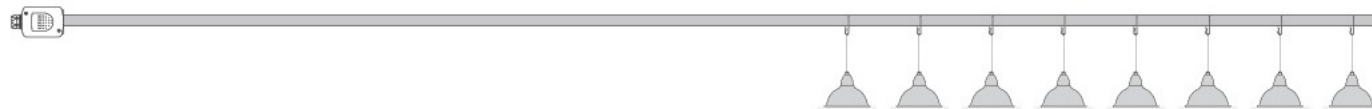
SO PLEASE CHECK CAREFULLY THE FOLLOWING ITEMS BEFORE ORDERING MATERIALS :

- A-** CHECK EXTRA OVERLOADS CAUSED BY LAMPS OR INDUCTIVE PARTS LIKE SMALL TRANSFORMERS
- B-** CHECK THE CIRCUIT PROTECTION THAT IN A NORMAL PROJECT DESIGN IS NOT ASSURED BY CIRCUIT BREAKER
AS THE STANDARD MCB OR MCCB HAVE THE CAPACITY TO STAND LONG TIME BEFORE BREAKING AND TRIPPING
- C-** TAKE INTO ACCOUNT THAT FUSES ARE NOT USUALLY ABLE TO PROTECT AGAINST OVERLOADS
- D-** GET DIMENSIONED THE CIRCUIT BREAKER SMALLER THAN THE CIRCUIT DUE TO PROTECT
SMALLER IN RATING THAN THE THEORETICAL SUM OF ALL THE LOADS
- E-** PLASTIC INJECTION MACHINE AND WELDING MACHINERY ARE USUALLY THE CAUSE OF A TRIPPING OR
FLASHING IF NOT CORRECTLY PROTECTED
CAREFULLY CHECK ALL THE REQUIREMENTS WHERE SUCH A KIND OF MACHINERY
IS CONNECTED TO THE ELECTRICAL NET



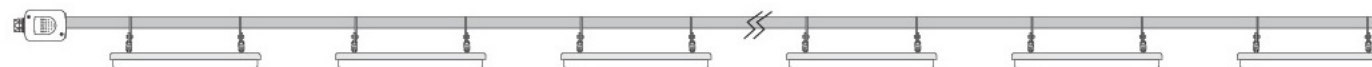
- 25A 4P EACH PHASE (N-L1) (N-L2) (N-L3) : 150w MAX 7 LAMPS
400w MAX 5 LAMPS

- 40A 4P EACH PHASE (N-L1) (N-L2) (N-L3) : 150w MAX 10 LAMPS
400w MAX 9 LAMPS



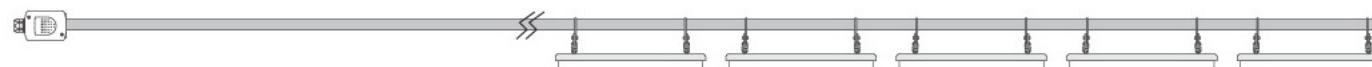
- 25A 4P EACH PHASE (N-L1) (N-L2) (N-L3) : 150w MAX 6 LAMPS
400w MAX 5 LAMPS

- 40A 4P EACH PHASE (N-L1) (N-L2) (N-L3) : 150w MAX 9 LAMPS
400w MAX 8 LAMPS



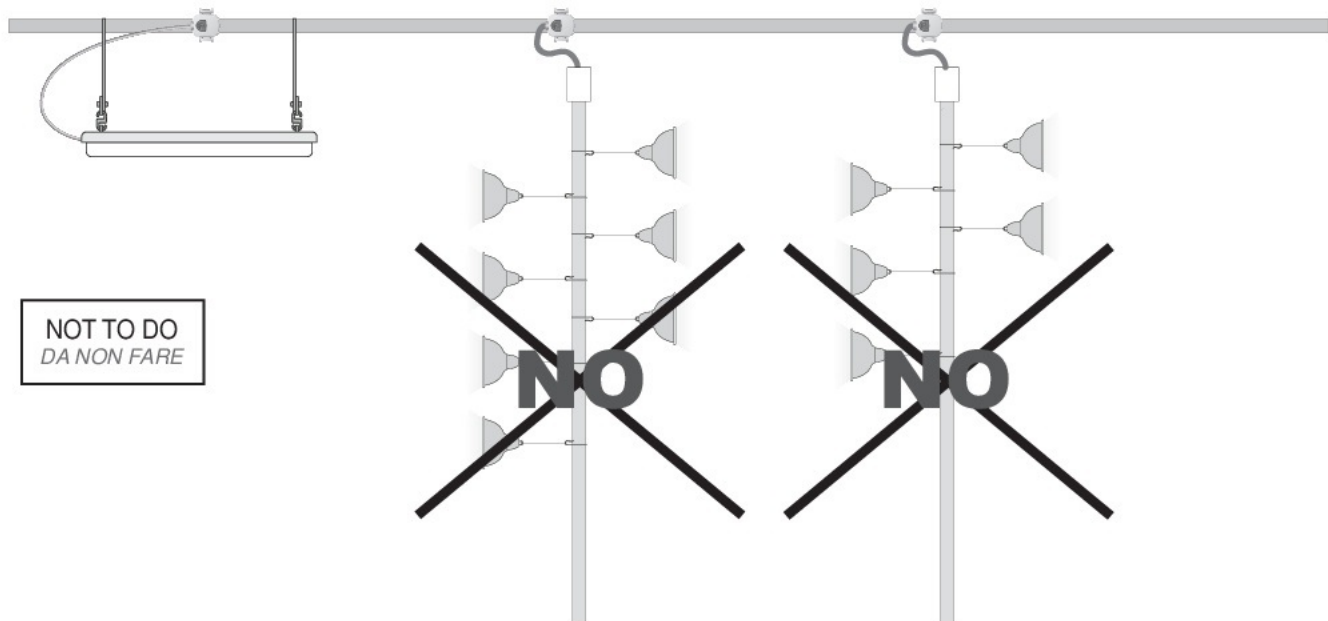
- 25A 4P EACH PHASE (N-L1) (N-L2) (N-L3) : 60w MAX 35 LAMPS LED
100w MAX 25 LAMPS LED

- 40A 4P EACH PHASE (N-L1) (N-L2) (N-L3) : 60w MAX 50 LAMPS LED
100w MAX 20 LAMPS LED

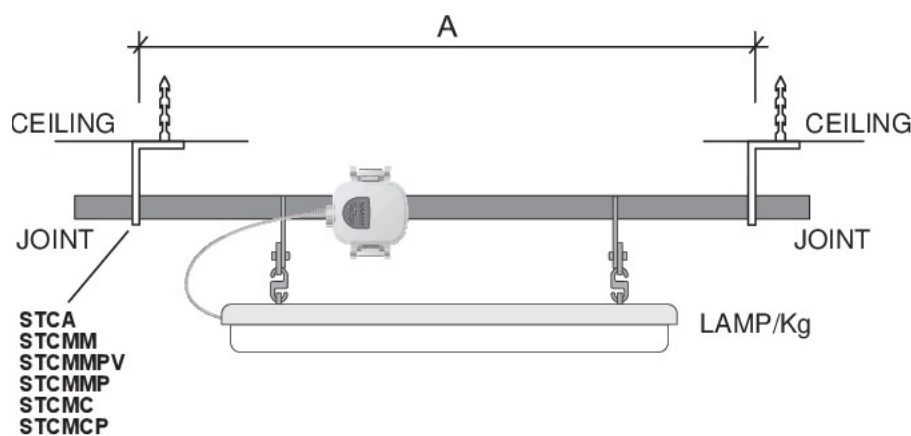


- 25A 4P EACH PHASE (N-L1) (N-L2) (N-L3) : 60w MAX 32 LAMPS LED
100w MAX 23 LAMPS LED

- 40A 4P EACH PHASE (N-L1) (N-L2) (N-L3) : 60w MAX 47 LAMPS LED
100w MAX 17 LAMPS LED

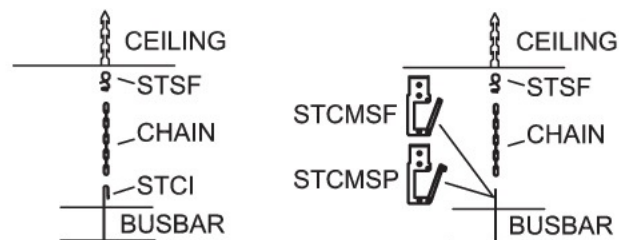
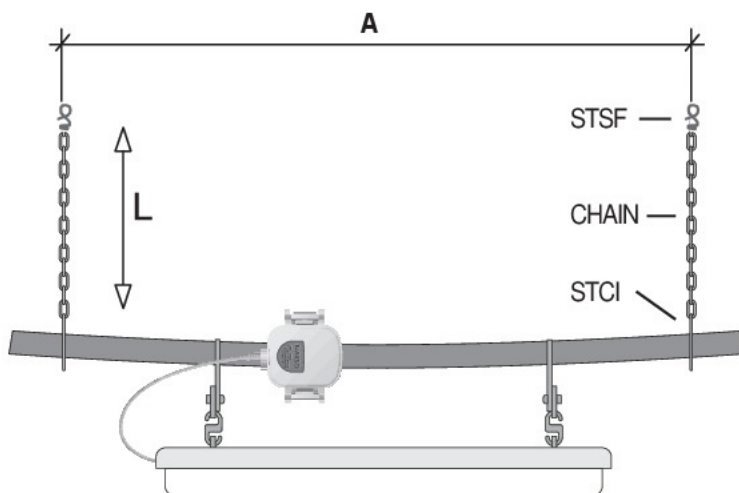


DISTANCE BETWEEN BRACKETS WHEN THE INSTALLATION IS DIRECT TO THE CEILING THE WEIGHTS ARE ACCORDING THE CHART
DISTANZA TRA STAFFAGGI PER INSTALLAZIONE DIRETTA A SOFFITTO PER PESI DI LAMPADE COME DA TABELLA



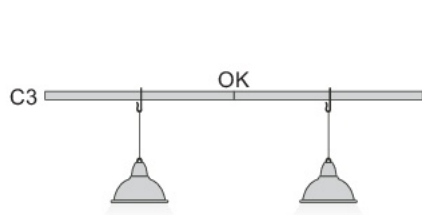
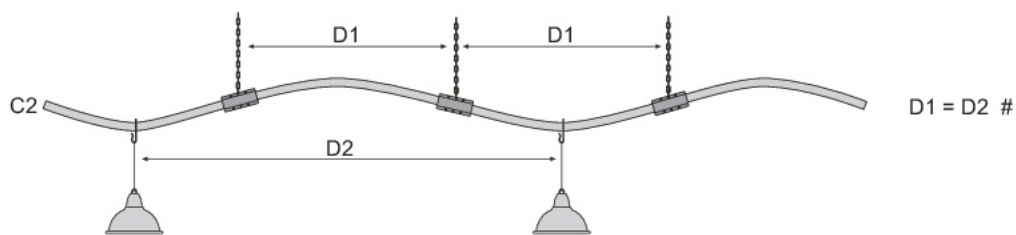
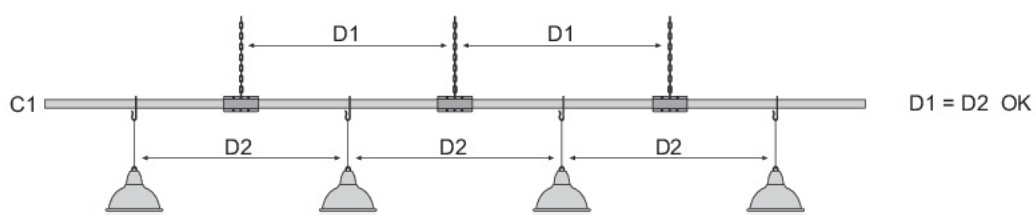
A	Kg ►
1,5	22 Kg
2,0	15 Kg
2,5	12 Kg
3	8 Kg

BUSBAR INSTALLATION WITH CHAIN. THE LENGTH OF THE CHAIN INFLUENCE THE WEIGHT ADMITTED FOR LAMPS
INSTALLAZIONE A SOFFITTO TRAMITE CATENELLA. LA LUNGHEZZA DELLA CATENELLA INFLUENZA LA PORTATA IN KG DELLA BARRA

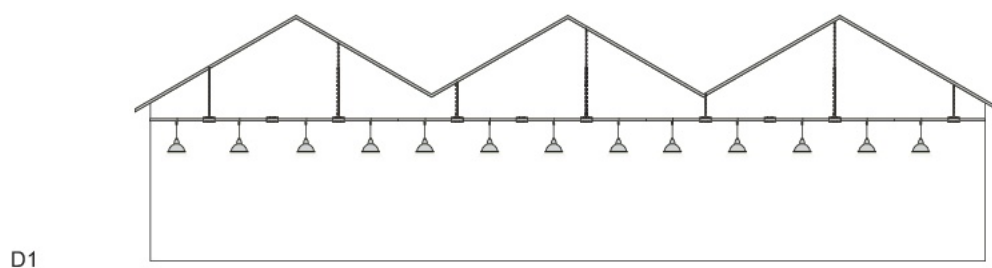


A	L 0-500mm	L 500-1000mm	L 1-2MT	L >2MT
1,5	Kg ► 19	Kg ► 18	Kg ► 17	Kg ► 15
2,0	Kg ► 13	Kg ► 12	Kg ► 11	Kg ► 10
2,5	Kg ► 11	Kg ► 10	Kg ► 9	Kg ► 8
3	Kg ► 7	Kg ► 6	Kg ► 5	Kg ► 5

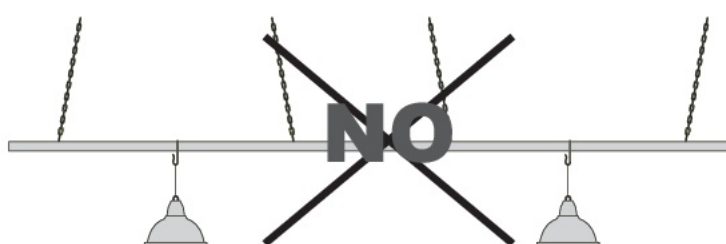
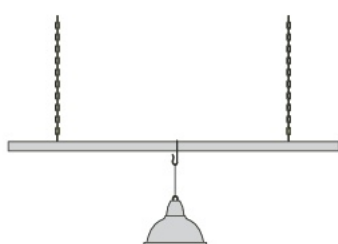
A - DISTANCE BETWEEN TWO SUSPENSION POINTS
B - DISTANCE FROM THE CEILING
KG ► LAMP MAX WEIGHT IN KG
A - DISTANZA TRA I DUE PUNTI DI SOSPENSIONE
B - DISTANZA DAL SOFFITTO
KG ► PESO MASSIMO DELLA LAMPADA IN KG

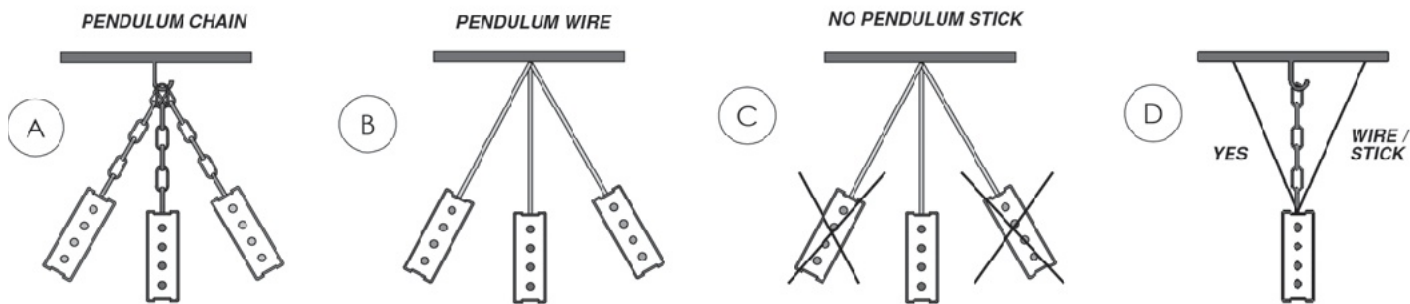


NOT TO DO
DA NON FARE

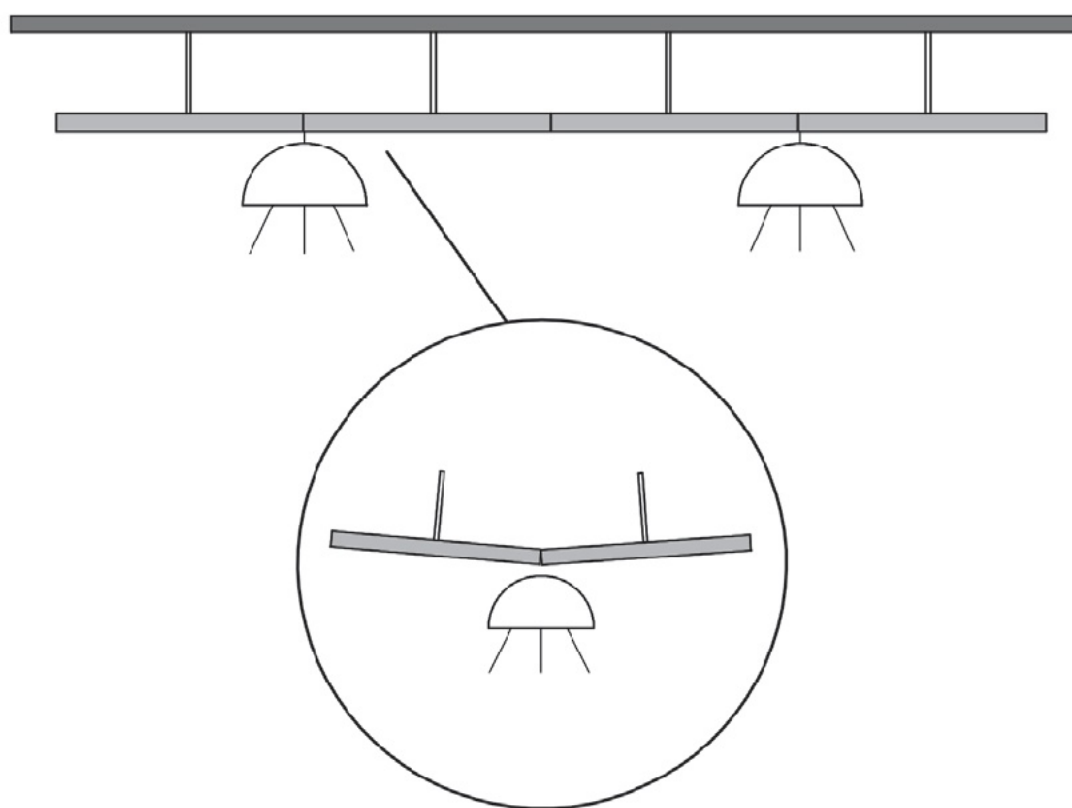


NOT TO DO
DA NON FARE

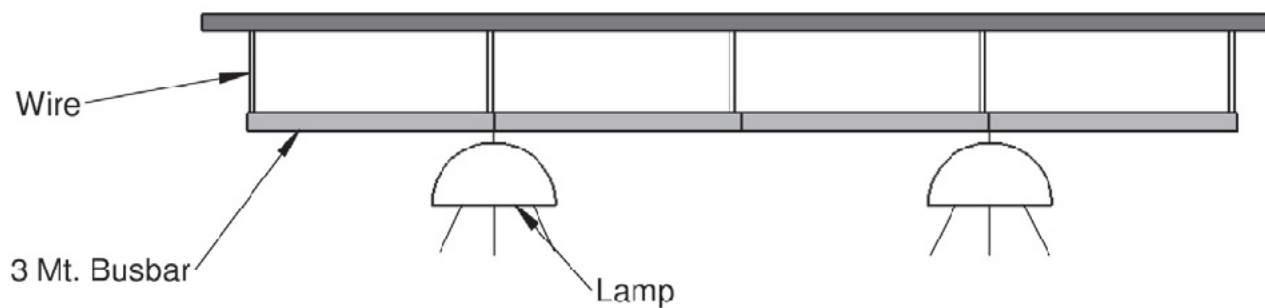


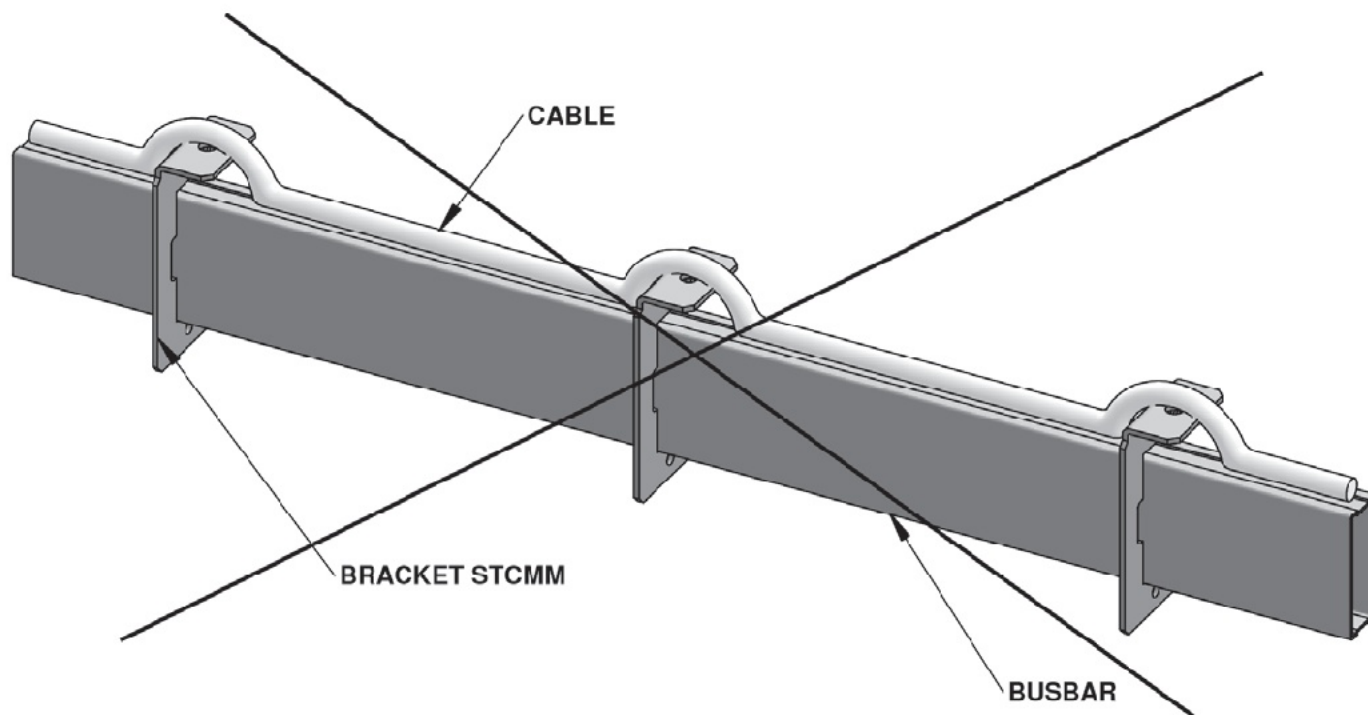


WORSE INSTALLATION



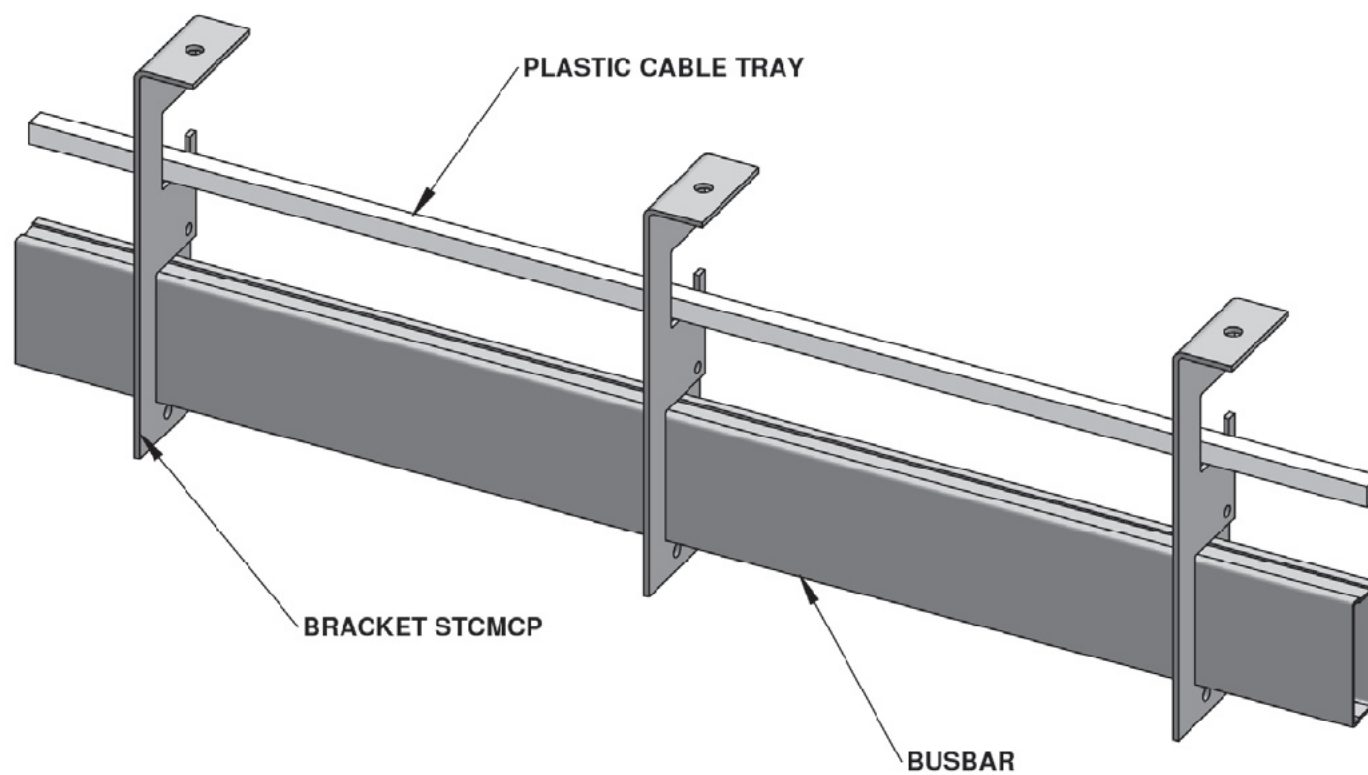
BEST SIMULATION





NO!!!

NO USE OF CABLE DIRECTLY LAID ON BUSBAR



NAXSO UNDERFLOOR



Naxso Underfloor track is a small dimension busbar to let installation in every area where underfloor space is low and the minimal space is requiring a compact, strong and high performing track. The minimum floor dimension can be 48mm. Lengths are available in standard 3 - 1,8 - 1,2 mt so that the storage is reduced to the minimum. Tap offs can be key coded to avoid mistakes and are plugged and removed by compressing side clips and pulling them out. Feed units are provided to feed the tracks thanks to a quick joint. Fixing brackets are already built in the tracks and interax outlets can be 1 mt, 500 mm or 300 mm. A number of accessories as flexible interlinks or intermediate feed units are available.

Il Naxso sottopavimento è una barra di piccole dimensioni per permettere l'installazione in ogni area dove lo spazio di sottopavimento è poco e questa area minima richiede un condotto compatto, robusto ed altamente performante. L'altezza minima del sottopavimento può essere 48mm. Le lunghezze sono disponibili nello standard 3-1,8-1,2 mt affinché lo spazio di stoccaggio sia ridotto al minimo. Le spine possono essere codificate per evitare errori e collegate e rimosse comprimendo delle alette laterali e rilasciandole.

Le alimentazioni sono fornite per alimentare le barre grazie ad una giunzione veloce. Le staffe di fissaggio sono già incorporate con la barra e l'interasse delle finestre possono 1 mt, 500mm o 300mm.

Un numero di accessori come interconnessioni flessibili o alimentazioni intermedie sono disponibili.

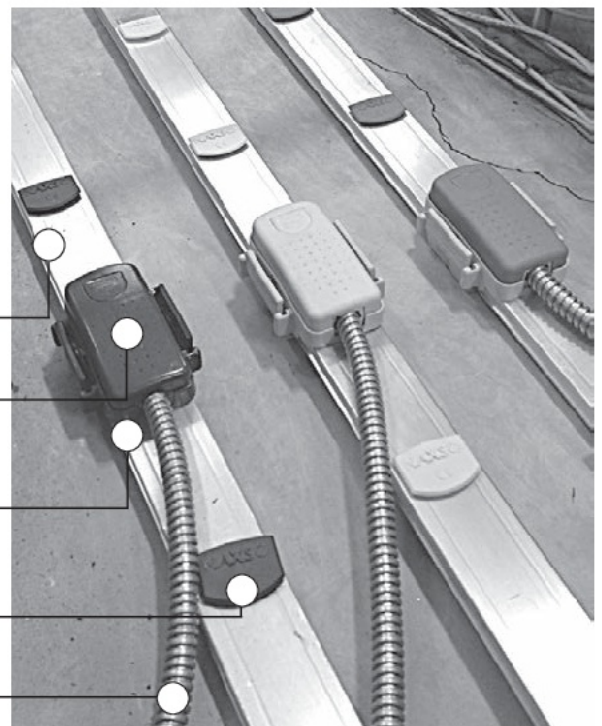
LOW PROFILE BUSBAR HEIGHT

32A TAP-OFFS INCORPORATING
AN UNFUSED PLUG

SLIDE LOCKING AND
POSITIVE LATCHING

COLOUR CODED FOR
EASY RECOGNITION

3 METERS OF 4mm² CABLE

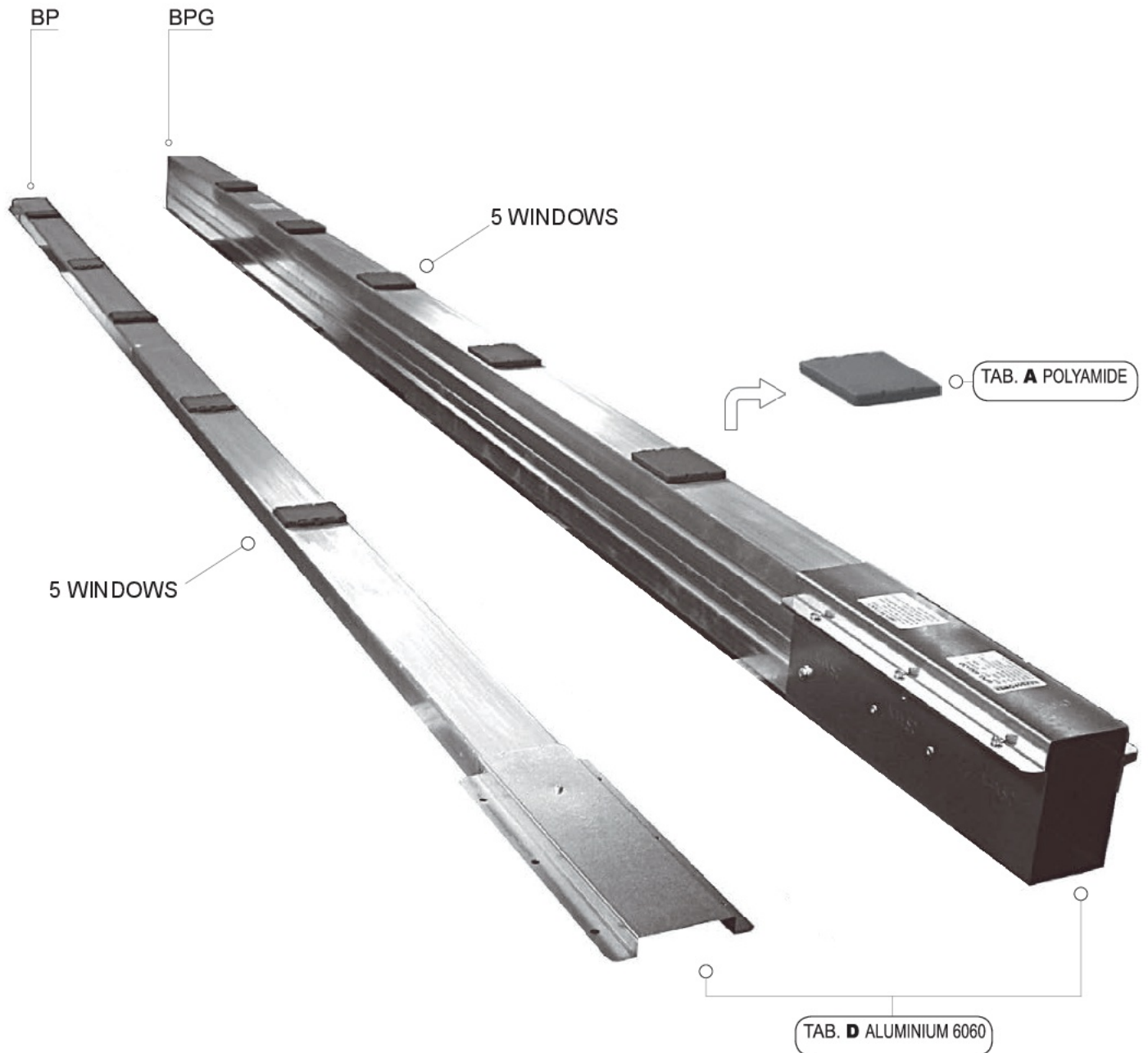


	WHITE BIANCO	ORANGE ARANCIONE	YELLOW LOW NOISE GIALLO BASSO RUMORE	3 PHASE BLUE TRIFASE BLU	DOUBLE C GREY DOPPIO C GRIGIO
	 L ₁ N ₁	 L ₁ N ₁ PE	 L ₁ N ₁ CE	 L ₃ L ₂ L ₁ N ₁ PE	 L ₃ N ₁ L ₂ N ₂ CE
TAP OFF 32A UNFUSED CABLE 3 mt 4 m ² Ø 16 mm FLEX METAL CONDUCT 4 m ² CABLES	LN PE SBML ₁ H32	L₁ N₁ PE SBMLNPE32	CE LN PE SBMCELNPE32	L₁ L₂ L₃ N PE LN PE SBMLNPE32 SBMLLLNP32	LN PE SBMLNPE32
TAP OFF 13A FUSED CABLE 3 mt 4 m ² Ø 16 mm FLEX METAL CONDUCT	LN PE SBMF13LNPE	L₁ N₁ PE SBMF13LNPE	CE LN PE SBMF13CELNPE	LN PE SBMF13LNPE	LN PE CE LN PE SBMF13LNPE SBMF13CELNPE
TAP OFF 13A UNFUSED CABLE 3 mt 4 m ² Ø 16 mm FLEX METAL CONDUCT	L₁ N₁ SBMU13LNPE	L₁ N₁ PE SBMU13LNPE	CE LN PE SBMU13CELNPE	LN PE SBMU13LNPE	CE LN PE SBMU13CELNPE
FLEX INTERLINK CORNER FLEX METAL CONDUCT Ø 20 mm CABLE 6m ²	L₁ N₁ FLXULN	L₁ N₁ PE FLXULNPE	LN CE FLXUCELNPE	LLL N PE FLXULLLNPE	LLL N CE FLXULLLCE
UNDERFLOOR BUSBAR TRACK 63A ALUMINIUM HOUSE (PE) 1,2 MT JOINT INCLUDED 2 WINDOWS	L₁ N₁ L 1,2 mt BA63ULN12	L₁ N₁ PE BA63ULNPE12	LN CE BA63UCELNPE12	LLL N PE BA63LLLNP12	LLL N CE BA63ULN12 BA63UCELNPE12
UNDERFLOOR BUSBAR TRACK 63A ALUMINIUM HOUSE (PE) 2,4 MT JOINT INCLUDED 6 WINDOWS	L₁ N₁ L 2,4 mt BA63ULN24	L₁ N₁ PE BA63ULNPE24	LN CE BA63UCELNPE24	LLL N PE BA63LLLNP24	LLL N CE BA63ULN24 BA63UCELNPE24
UNDERFLOOR BUSBAR TRACK 63A ALUMINIUM HOUSE (PE) 3 MT JOINT INCLUDED 10 WINDOWS	L₁ N₁ L 3,0 mt BA63ULN30	L₁ N₁ PE BA63ULNPE30	LN CE BA63UCELNPE30	LLL N PE BA63LLLNP30	LLL N CE BA63ULN30 BA63UCELNPE30

All Tap-Offs are reconfigurable minimum cable even in PE is 4m². On demand we can wire and supply 6m² cable.
All Tap-Offs are key colour coded and may even be mechanically coded.



NAXSOPOWER



BP AND BPG BUSBARS POWER

BP BUSBAR POWER

BP40A30 3MT 40A 5 OUTLETS

BP40A10 1MT 40A 1 OUTLET

BP63A30 3MT 63A 5 OUTLETS

BP63A10 1MT 63A 1 OUTLET

BP100A30 3MT 100A 5 OUTLETS

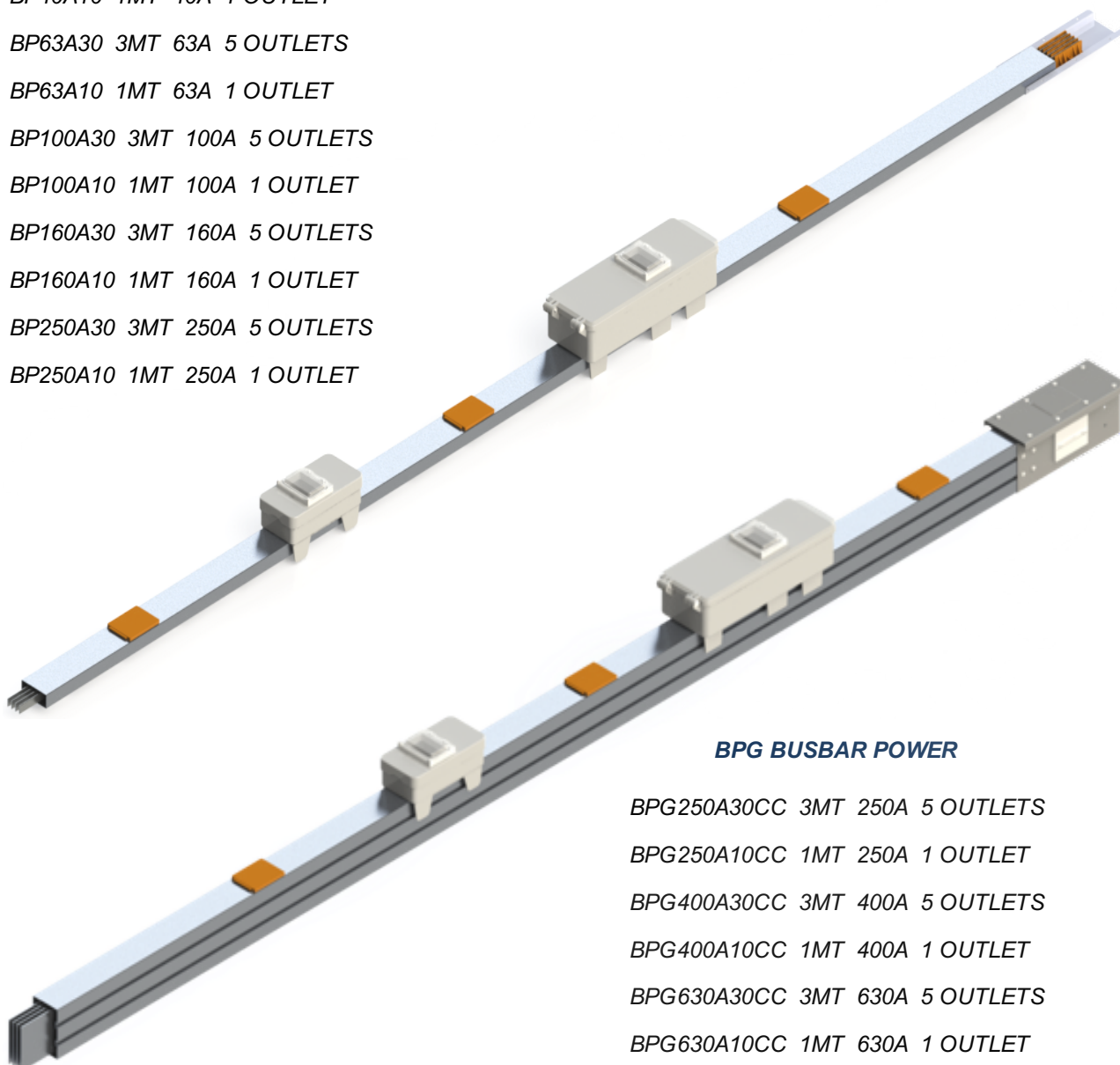
BP100A10 1MT 100A 1 OUTLET

BP160A30 3MT 160A 5 OUTLETS

BP160A10 1MT 160A 1 OUTLET

BP250A30 3MT 250A 5 OUTLETS

BP250A10 1MT 250A 1 OUTLET



BPG BUSBAR POWER

BPG250A30CC 3MT 250A 5 OUTLETS

BPG250A10CC 1MT 250A 1 OUTLET

BPG400A30CC 3MT 400A 5 OUTLETS

BPG400A10CC 1MT 400A 1 OUTLET

BPG630A30CC 3MT 630A 5 OUTLETS

BPG630A10CC 1MT 630A 1 OUTLET

BPG800A30CC 3MT 800A 5 OUTLETS

BPG800A10CC 1MT 800A 1 OUTLET

BPG1000A30CC 3MT 1000A 5 OUTLETS

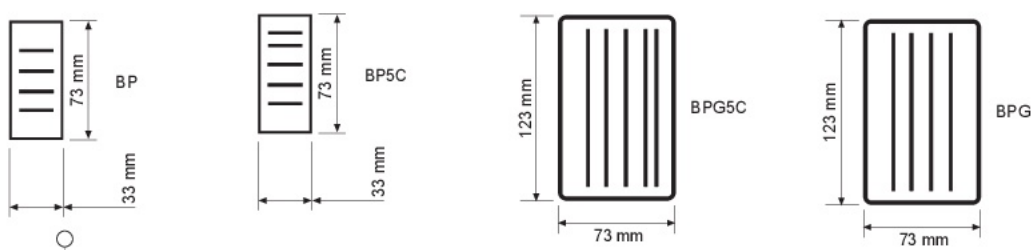
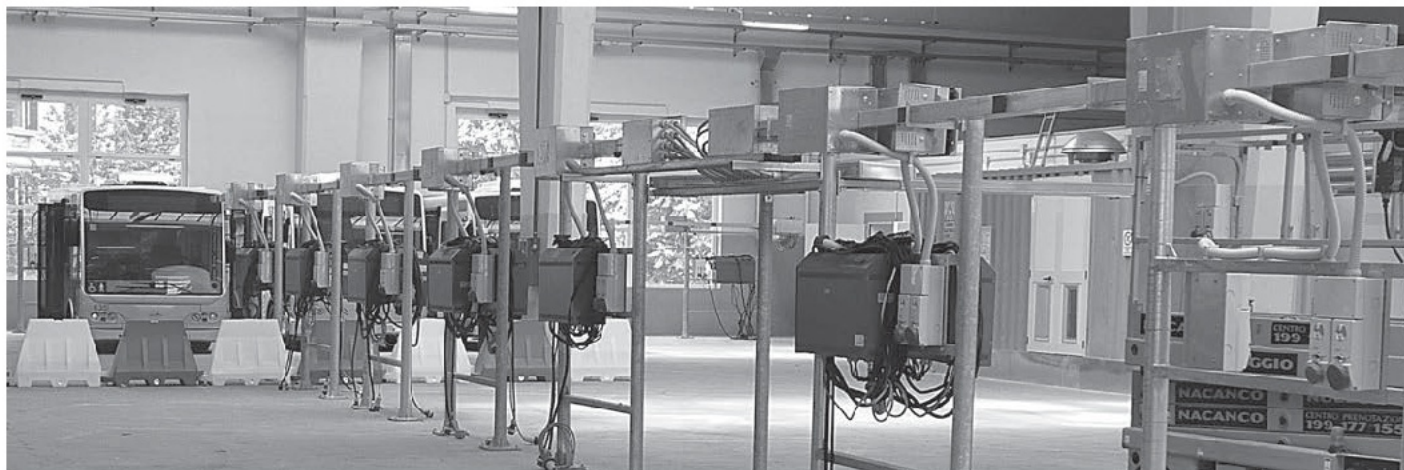
BPG1000A10CC 1MT 1000A 1 OUTLET

BPG1250A30CC 3MT 1250A 5 OUTLETS

BPG1250A10CC 1MT 1250A 1 OUTLET

TASX

TADX



**BP5C - BPG5C AVAILABLE
FROM SEPTEMBER 2013**

TAB. E ALUMINIUM 1050

BP5C - BPG5C
Disponibile da Settembre 2013

ALLUMINIO / ALUMINIUM

Cod.	Kg	L/mm	AMP
BPG250A30CC	16,25	3.000	250
BPG250A10CC	7,36	1.000	250
BPG400A30CC	18,26	1.000	400
BPG400A10CC	9,30	3.000	400
BPG630A30CC	21,15	3.000	630
BPG630A10CC	10,52	1.000	630
BPG800A30CC	24,20	3.000	800
BPG800A10CC	11,80	1.000	800
BPG1000A30CC	32,00	3.000	1000
BPG1000A10CC	13,00	1.000	1000

Cod.	Kg	L/mm	AMP
BP40A30	4,40	3.000	40
BP40A10	1,50	1.000	40
BP63A30	4,50	3.000	63
BP63A10	2,20	1.000	63
BP100A30	4,60	3.000	100
BP100A10	2,10	1.000	100
BP160A30	5,37	3.000	160
BP160A10	2,50	1.000	160
BP250A30	8,40	3.000	250
BP250A10	3,90	1.000	250

RAME / COPPER

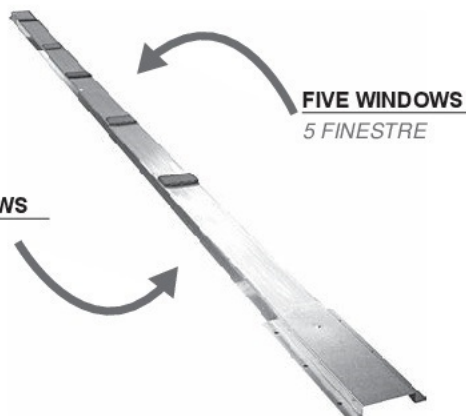
Cod.	Kg	L/mm	AMP
BPG250A30CU	22,75	3.000	250
BPG250A10CU	10,30	1.000	250
BPG400A30CU	25,56	1.000	400
BPG400A10CU	13,02	3.000	400
BPG630A30CU	29,61	3.000	630
BPG630A10CU	14,73	1.000	630
BPG800A30CU	33,88	3.000	800
BPG800A10CU	16,52	1.000	800
BPG1000A30CU	44,80	3.000	1000
BPG1000A10CU	18,20	1.000	1000
BPG1250A30CU	52,20	1.000	1250
BPG1250A10CU	22,50	3.000	1250

Cod.	Kg	L/mm	AMP
BP40A30CU	6,16	3.000	40
BP40A10CU	2,10	1.000	40
BP63A30CU	6,30	3.000	63
BP63A10CU	3,08	1.000	63
BP100A30CU	6,44	3.000	100
BP100A10CU	2,94	1.000	100
BP160A30CU	7,52	3.000	160
BP160A10CU	3,50	1.000	160



BP 40 / 63 / 100 / 160 / 250 A10-30

NO WINDOWS
NESSUNA
FINESTRA



FIVE WINDOWS
5 FINESTRE

GENERAL DESCRIPTION DESCRIZIONE GENERALE

- 4 aluminium conductors aluminium housing boltless flanged joint to get a sturdy installation outlet windows every 3 MT to let plug up to 100A tap-off rating.

4 conduttori in alluminio involucro in alluminio, giunzione automatica finestre su una sola facciata.
Per totali 5 finestre grandi (max 100A)

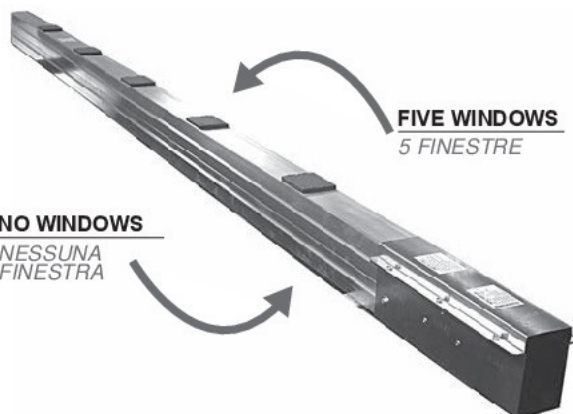
40-250A 5 plugs on one side

MAX TAP-OFF 100A



BPG 250 / 400 / 630 / 800 / 1000 A10-30

NO WINDOWS
NESSUNA
FINESTRA



FIVE WINDOWS
5 FINESTRE

GENERAL DESCRIPTION DESCRIZIONE GENERALE

- 4 aluminium conductors aluminium housing 1 bolt joint easy to close, flanged joint housing 5 total big outlet windows to let plug in up to 250A tap-off.

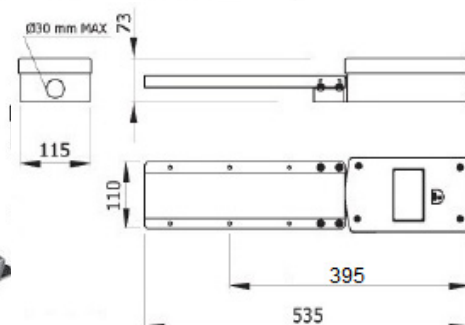
4 conduttori in alluminio involucro in alluminio, giunzione monobullone. 5 finestre grandi (max 250A)

MAX TAP-OFF 250A

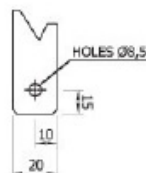


TASX 63A

FEED UNIT END CUP INCLUDED
CHIUSURA DI TESTATA INCLUSA



DETAIL OF DRILLING
INTERNAL BAR



3P + N + PE

AMP 40 - 63 A

IP 41 - *IP 55

2,173

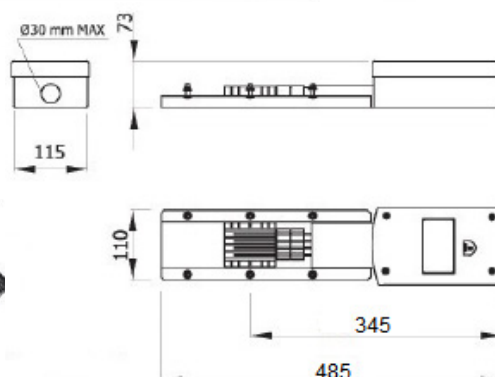
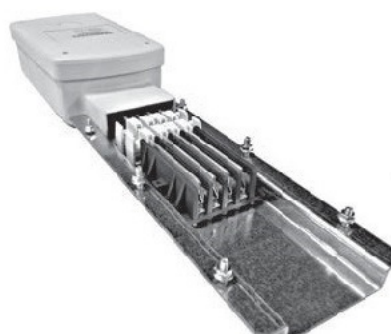
25 mm²

4,500 Dm³
VOLUME AFTER PACKING
VOLUME IMBALLATO

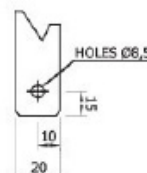


TADX 63A

FEED UNIT END CUP INCLUDED
CHIUSURA DI TESTATA INCLUSA



DETAIL OF DRILLING
INTERNAL BAR



3P + N + PE

AMP 40 - 63 A

IP 41 - *IP 55

2,350

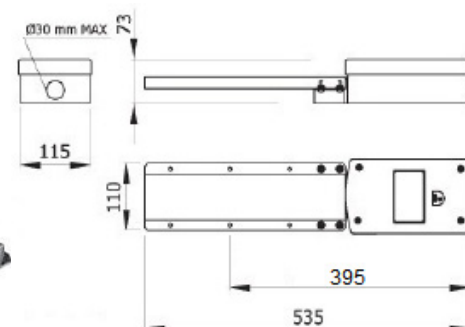
25 mm²

4,500 Dm³
VOLUME AFTER PACKING
VOLUME IMBALLATO

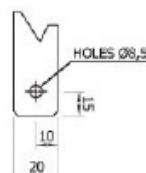


TASX 100A

FEED UNIT END CUP INCLUDED
CHIUSURA DI TESTATA INCLUSA



DETAIL OF DRILLING
INTERNAL BAR



3P + N + PE

AMP 100 A

IP 41 - *IP 55

2,190

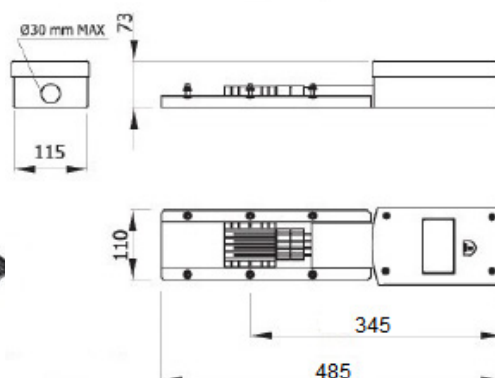
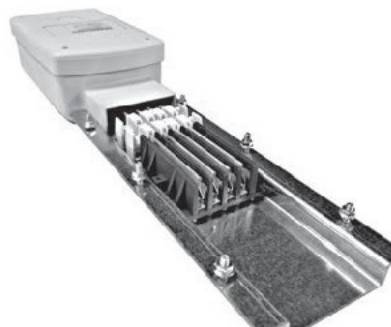
25 mm²

4,500 Dm³
VOLUME AFTER PACKING
VOLUME IMBALLATO

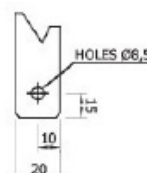


TADX 100A

FEED UNIT END CUP INCLUDED
CHIUSURA DI TESTATA INCLUSA



DETAIL OF DRILLING
INTERNAL BAR



3P + N + PE

AMP 100 A

IP 41 - *IP 55

2,290

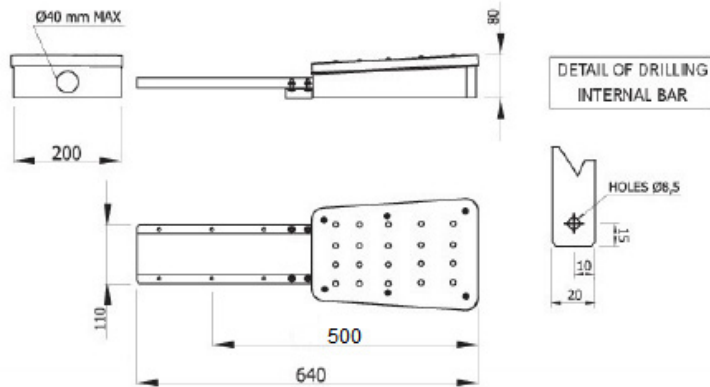
25 mm²

4,500 Dm³
VOLUME AFTER PACKING
VOLUME IMBALLATO



TASX 160A

FEED UNIT END CUP INCLUDED
CHIUSURA DI TESTATA INCLUSA

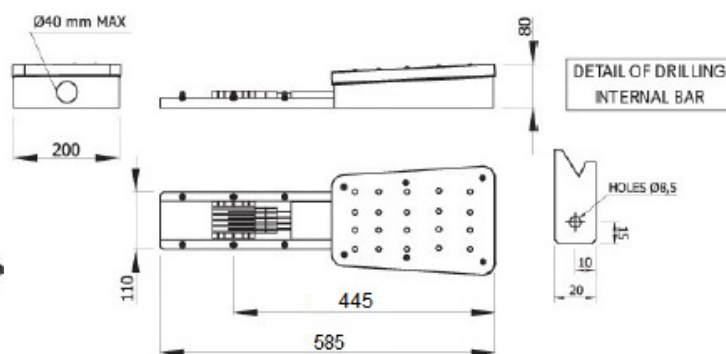
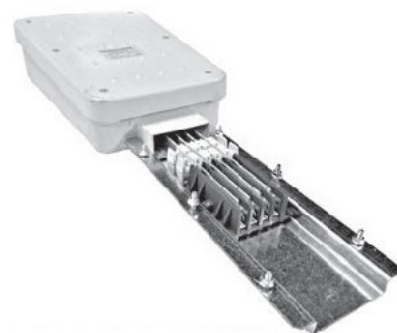


3P + N + PE
AMP 160 A
IP 41 - *IP 55
3,530
50 mm²
12,00 Dm³ VOLUME AFTER PACKING VOLUME IMBALLATO



TADX 160A

FEED UNIT END CUP INCLUDED
CHIUSURA DI TESTATA INCLUSA

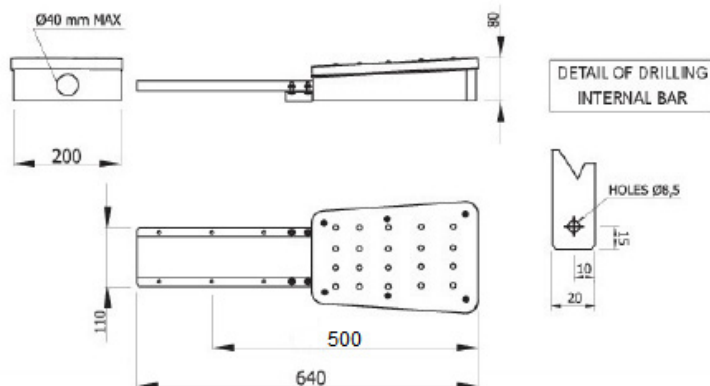


3P + N + PE
AMP 160 A
IP 41 - *IP 55
3,632
50 mm²
12,00 Dm³ VOLUME AFTER PACKING VOLUME IMBALLATO



TASX 250A

FEED UNIT END CUP INCLUDED
CHIUSURA DI TESTATA INCLUSA

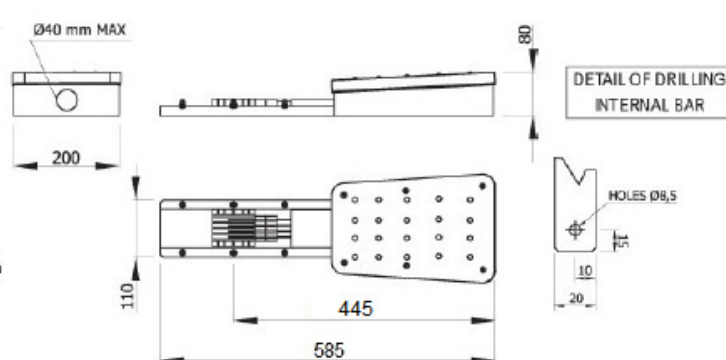
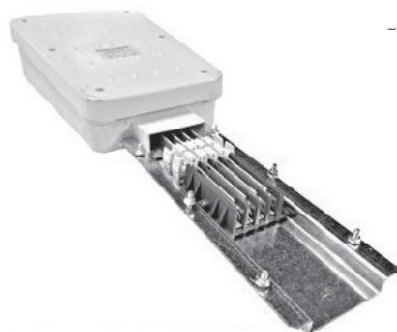


3P + N + PE
AMP 250 A
IP 41 - *IP 55
3,530
50 mm²
12,00 Dm³ VOLUME AFTER PACKING VOLUME IMBALLATO



TADX 250A

FEED UNIT END CUP INCLUDED
CHIUSURA DI TESTATA INCLUSA

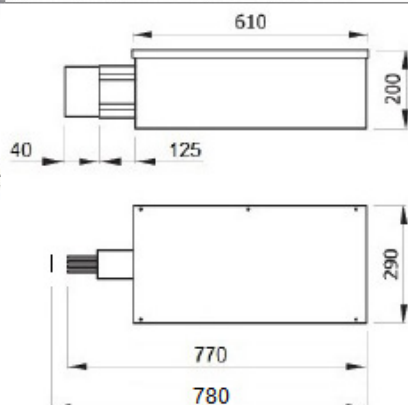


3P + N + PE
AMP 250 A
IP 41 - *IP 55
3,632
50 mm²
12,00 Dm³ VOLUME AFTER PACKING VOLUME IMBALLATO

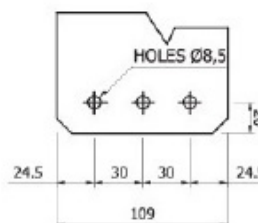


TASXBPG 250ACC

FEED UNIT END CUP INCLUDED
CHIUSURA DI TESTATA INCLUSA



DETAIL OF DRILLING
INTERNAL BAR



3P + N + PE

AMP 250 A

IP 41 - *IP 55

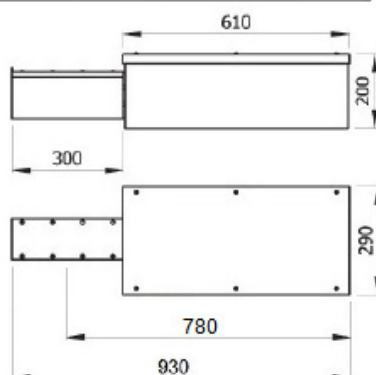
14,200

67,20 Dm³
VOLUME AFTER PACKING
VOLUME IMBALLATO

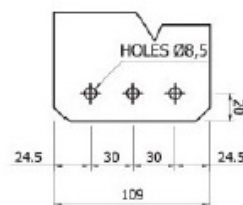


TADXBPG 250ACC

FEED UNIT END CUP INCLUDED
CHIUSURA DI TESTATA INCLUSA



DETAIL OF DRILLING
INTERNAL BAR



3P + N + PE

AMP 250 A

IP 41 - *IP 55

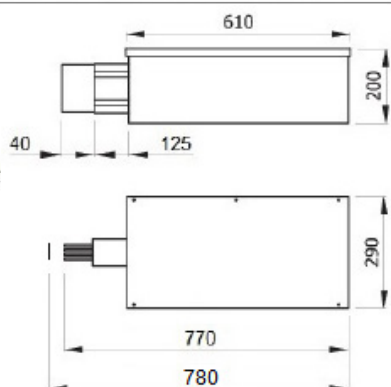
15,000

67,20 Dm³
VOLUME AFTER PACKING
VOLUME IMBALLATO

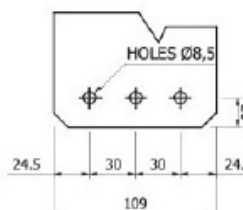


TASXBPG 400ACC

FEED UNIT END CUP INCLUDED
CHIUSURA DI TESTATA INCLUSA



DETAIL OF DRILLING
INTERNAL BAR



3P + N + PE

AMP 400 A

IP 41 - *IP 55

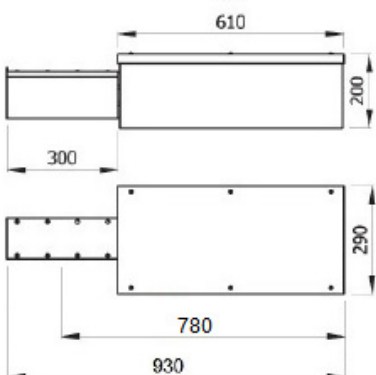
13,550

67,20 Dm³
VOLUME AFTER PACKING
VOLUME IMBALLATO

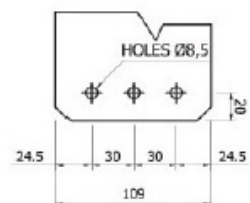


TADXBPG 400ACC

FEED UNIT END CUP INCLUDED
CHIUSURA DI TESTATA INCLUSA



DETAIL OF DRILLING
INTERNAL BAR



3P + N + PE

AMP 400 A

IP 41 - *IP 55

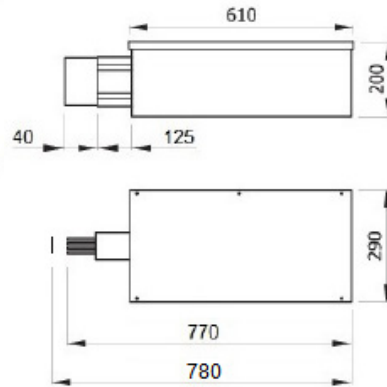
17,250

67,20 Dm³
VOLUME AFTER PACKING
VOLUME IMBALLATO

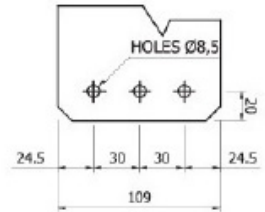


TASXBPG 630ACC

FEED UNIT END CUP INCLUDED
CHIUSURA DI TESTATA INCLUSA



DETAIL OF DRILLING
INTERNAL BAR



3P + N + PE

AMP 630 A

IP 41 - *IP 55

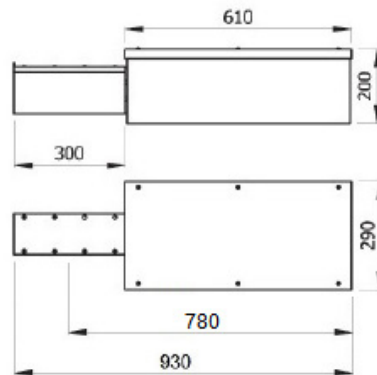
17,690

67,20 Dm³
VOLUME AFTER PACKING
VOLUME IMBALLATO

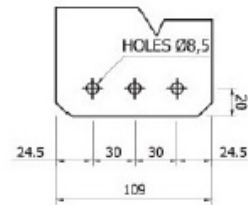


TADXBPG 630ACC

FEED UNIT END CUP INCLUDED
CHIUSURA DI TESTATA INCLUSA



DETAIL OF DRILLING
INTERNAL BAR



3P + N + PE

AMP 630 A

IP 41 - *IP 55

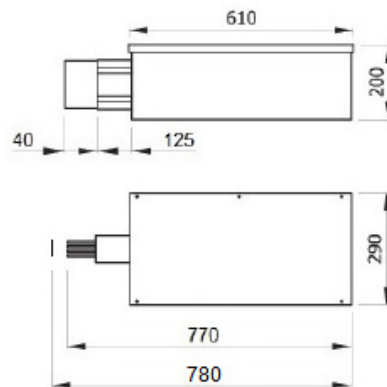
17,690

67,20 Dm³
VOLUME AFTER PACKING
VOLUME IMBALLATO

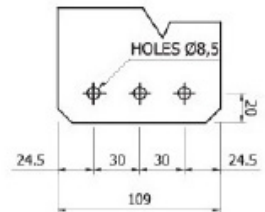


TASXBPG 800ACC

FEED UNIT END CUP INCLUDED
CHIUSURA DI TESTATA INCLUSA



DETAIL OF DRILLING
INTERNAL BAR



3P + N + PE

AMP 800 A

IP 41 - *IP 55

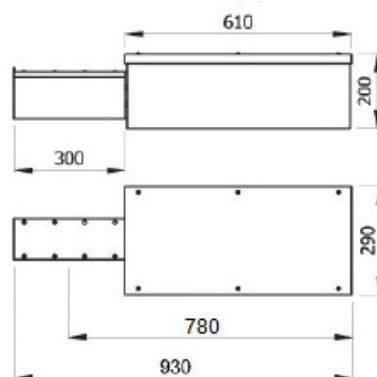
16,000

67,20 Dm³
VOLUME AFTER PACKING
VOLUME IMBALLATO

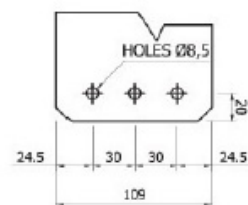


TADXBPG 800ACC

FEED UNIT END CUP INCLUDED
CHIUSURA DI TESTATA INCLUSA



DETAIL OF DRILLING
INTERNAL BAR



3P + N + PE

AMP 800 A

IP 41 - *IP 55

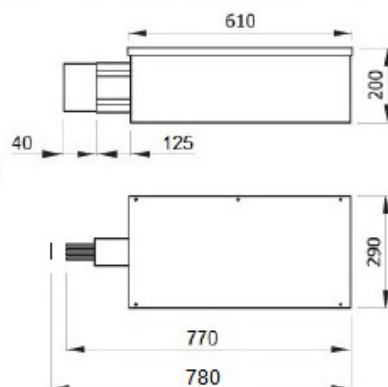
18,000

67,20 Dm³
VOLUME AFTER PACKING
VOLUME IMBALLATO

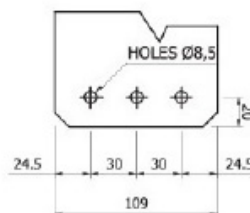


TASXBPB 1000ACC

FEED UNIT END CUP INCLUDED
CHIUSURA DI TESTATA INCLUSA



DETAIL OF DRILLING
INTERNAL BAR



3P + N + PE

AMP 1000 A

IP 41 - *IP 55

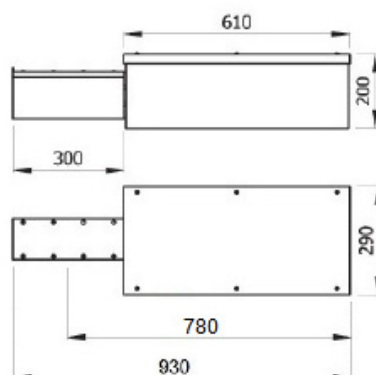
20,000

67,20 Dm³
VOLUME AFTER PACKING
VOLUME IMBALLATO

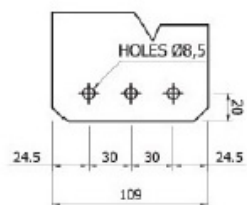


TADXPB 1000ACC

FEED UNIT END CUP INCLUDED
CHIUSURA DI TESTATA INCLUSA



DETAIL OF DRILLING
INTERNAL BAR



3P + N + PE

AMP 1000 A

IP 41 - *IP 55

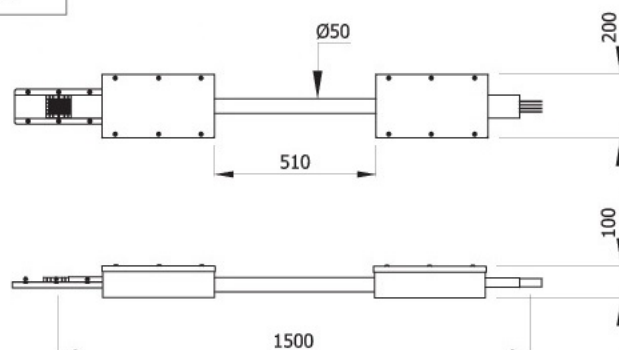
21,000

67,20 Dm³
VOLUME AFTER PACKING
VOLUME IMBALLATO



FLX 100A

FLEXIBLE UNIT



3P + N + PE

AMP 63 - 100 A

IP 41 - *IP 55

9,050

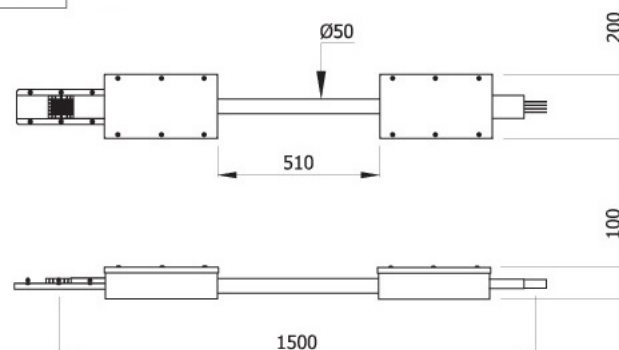
14,00 Dm³
VOLUME AFTER PACKING
VOLUME IMBALLATO

BP RANGE



FLX160A

FLEXIBLE UNIT



3P + N + PE

AMP 160 A

IP 41 - *IP 55

10,000

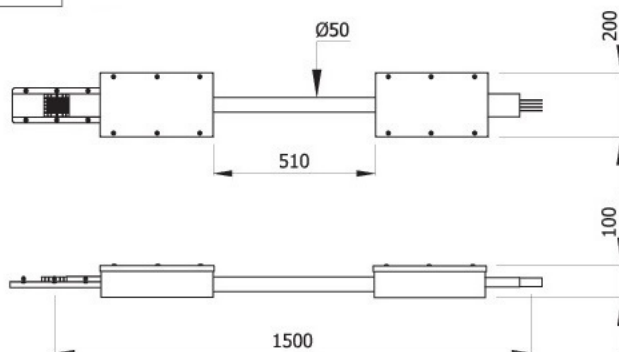
14,00 Dm³
VOLUME AFTER PACKING
VOLUME IMBALLATO

BP RANGE



FLX250A

FLEXIBLE UNIT



3P + N + PE

AMP 250 A

IP 41 - *IP 55

10,000

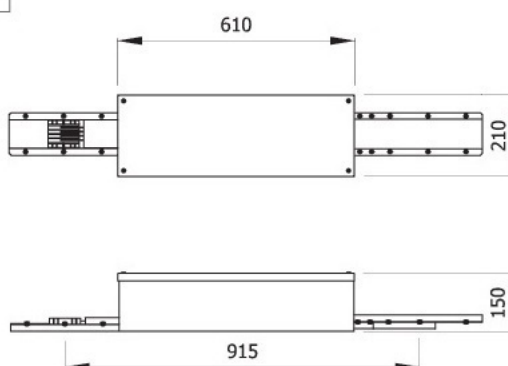
14,00 Dm³
VOLUME AFTER PACKING
VOLUME IMBALLATO

BP RANGE



ACPWP100

CENTER FEED



3P + N + PE

AMP 40 - 63 - 100 A

IP 41 - *IP 55

9,00

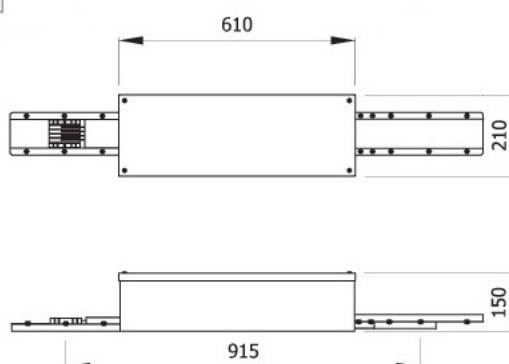
25 mm²

40,00 Dm³
VOLUME AFTER PACKING
VOLUME IMBALLATO



ACPWGBP160

CENTER FEED



3P + N + PE

AMP 160 A

IP 41 - *IP 55

12,50

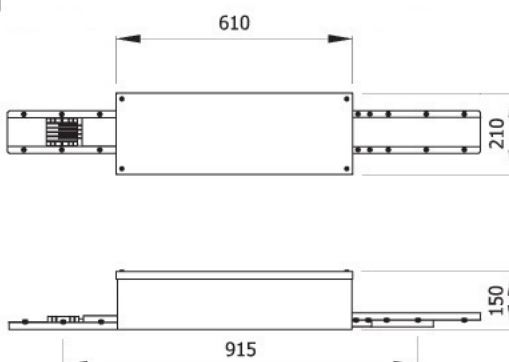
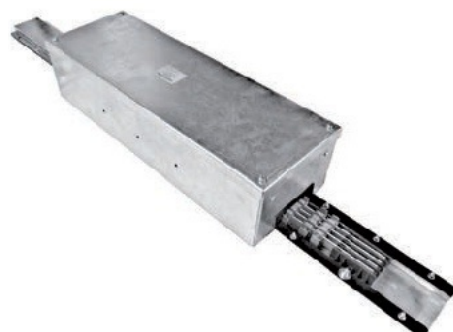
50 mm²

40,00 Dm³
VOLUME AFTER PACKING
VOLUME IMBALLATO



ACPWGBP250

CENTER FEED



3P + N + PE

AMP 250 A

IP 41 - *IP 55

12,50

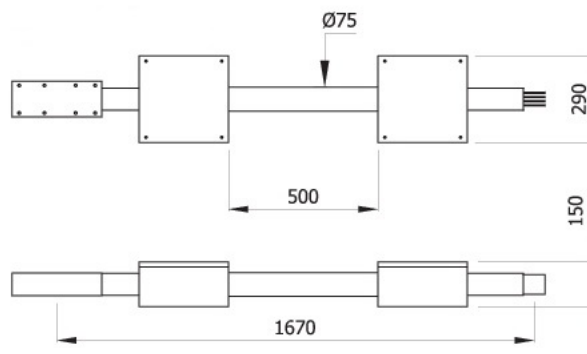
50 mm²

40,00 Dm³
VOLUME AFTER PACKING
VOLUME IMBALLATO



FLXBPG 250ACC

FLEXIBLE UNIT



3P + N + PE

AMP 250 A

IP 41 - *IP 55

22,700

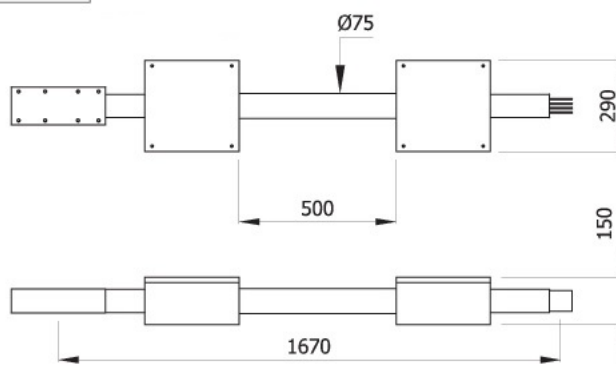
13,90 Dm³
VOLUME AFTER PACKING
VOLUME IMBALLATO

BPG RANGE



FLXBPG 400ACC

FLEXIBLE UNIT



3P + N + PE

AMP 400 A

IP 41 - *IP 55

25,644

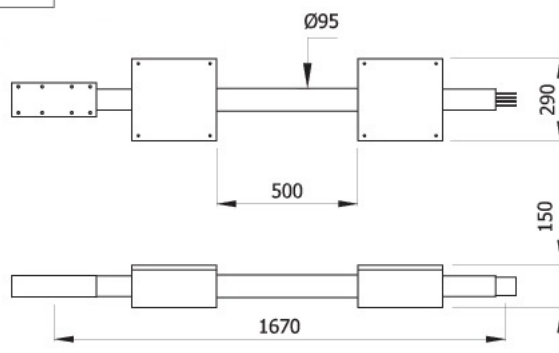
13,90 Dm³
VOLUME AFTER PACKING
VOLUME IMBALLATO

BPG RANGE



FLXBPG 630ACC

FLEXIBLE UNIT



3P + N + PE

AMP 500 - 630 A

IP 41 - *IP 55

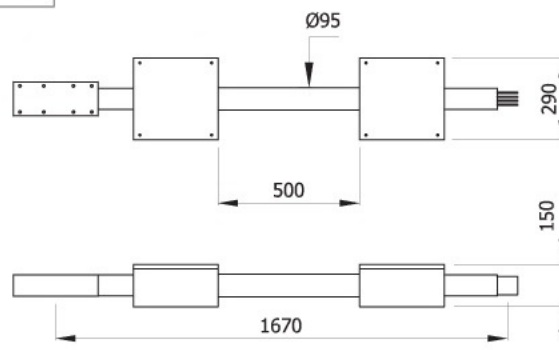
30,000

13,90 Dm³
VOLUME AFTER PACKING
VOLUME IMBALLATO



FLXBPG 800ACC

FLEXIBLE UNIT



3P + N + PE

AMP 800 A

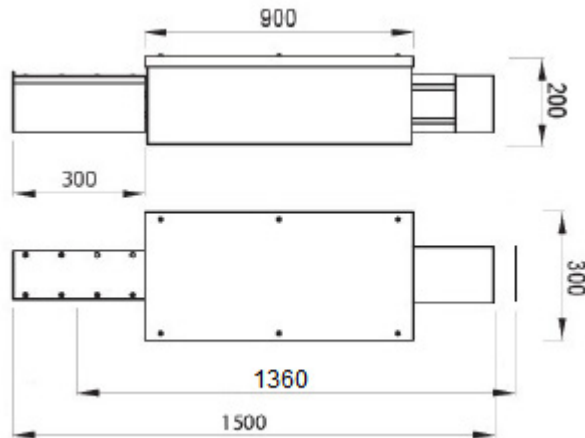
IP 41 - *IP 55

36,000

13,90 Dm³
VOLUME AFTER PACKING
VOLUME IMBALLATO



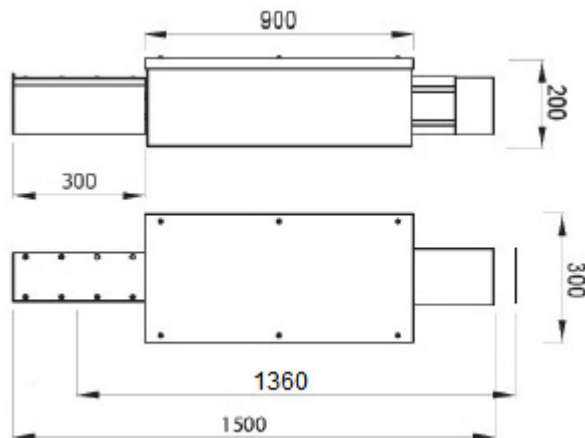
ACPWBPG250ACC



3P + N + PE
AMP 250 A
IP 41 - *IP 55
3,200
40,30 Dm ³ VOLUME AFTER PACKING VOLUME IMBALLATO



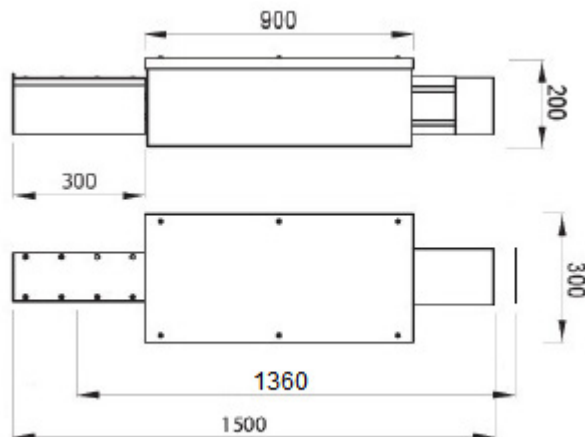
ACPW BPG400ACC



3P + N + PE
AMP 400 A
IP 41 - *IP 55
14,070
40,30 Dm ³ VOLUME AFTER PACKING VOLUME IMBALLATO



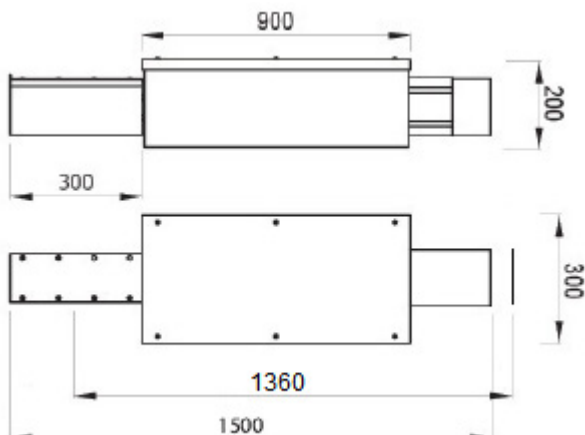
ACPW BPG630ACC



3P + N + PE
AMP 630 A
IP 41 - *IP 55
14,300
40,30 Dm ³ VOLUME AFTER PACKING VOLUME IMBALLATO



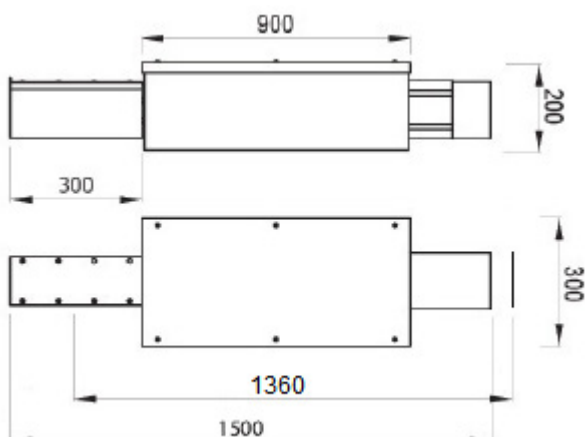
ACPW BPG800ACC



3P + N + PE
AMP 800 A
IP 41 - *IP 55
9,000
40,00 Dm ³ VOLUME AFTER PACKING VOLUME IMBALLATO



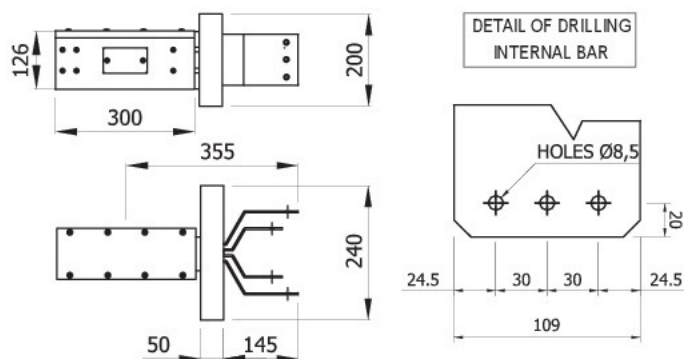
ACPW BPG1000ACC



3P + N + PE
AMP 1000 A
IP 41 - *IP 55
12,500
40,00 Dm ³ VOLUME AFTER PACKING VOLUME IMBALLATO



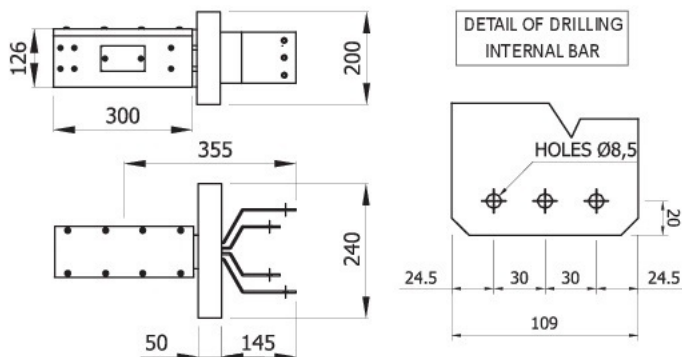
QBPG250ACC



3P + N + PE
AMP 250 A
IP 41 - *IP 55
8,000
6,000 Dm ³ VOLUME AFTER PACKING VOLUME IMBALLATO



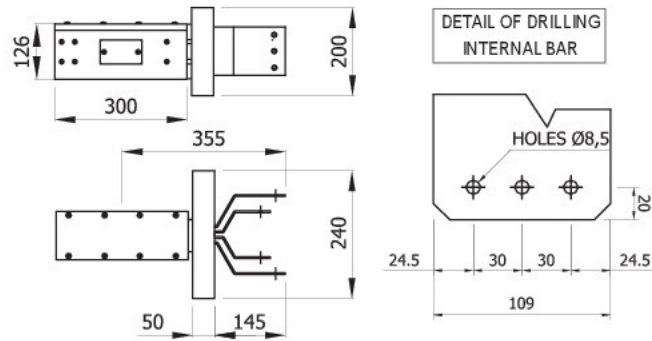
QBPG400ACC



3P + N + PE
AMP 400 A
IP 41 - *IP 55
8,000
6,000 Dm ³ VOLUME AFTER PACKING VOLUME IMBALLATO



QBPG630ACC



3P + N + PE

AMP 630 A

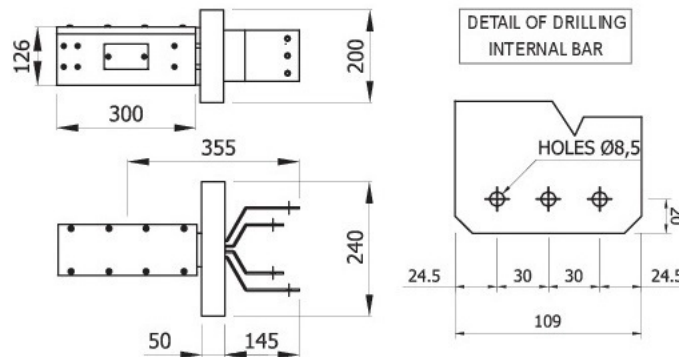
IP 41 - *IP 55

6,650

6,000 Dm³
VOLUME AFTER PACKING
VOLUME IMBALLATO



QBPG800ACC



3P + N + PE

AMP 800 A

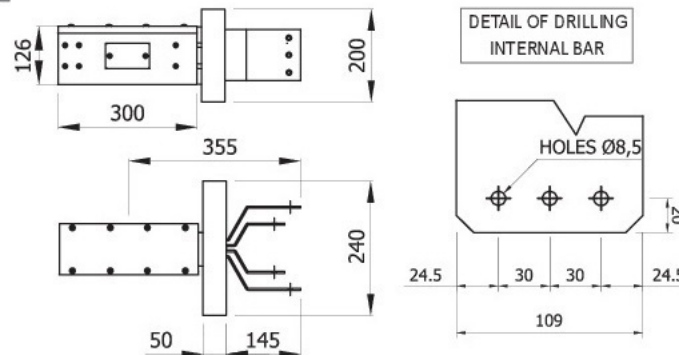
IP 41 - *IP 55

10,000

12,00 Dm³
VOLUME AFTER PACKING
VOLUME IMBALLATO



QBPG1000ACC



3P + N + PE

AMP 1000 A

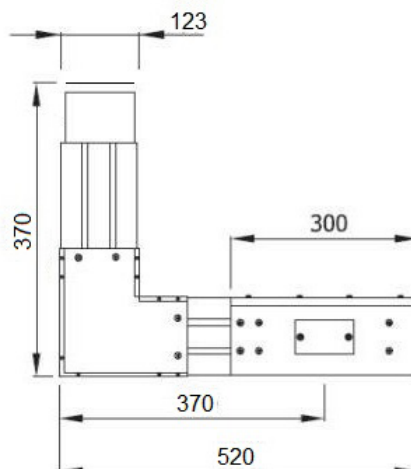
IP 41 - *IP 55

12,000

12,00 Dm³
VOLUME AFTER PACKING
VOLUME IMBALLATO



CSBPG 250ACC



3P + N + PE

AMP 250 A

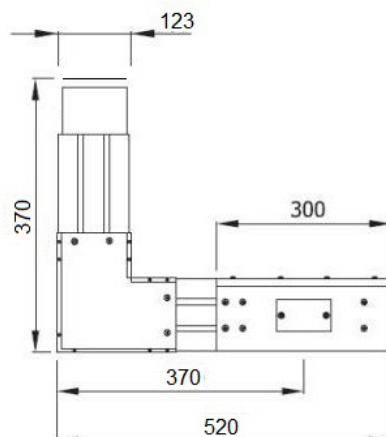
IP 41 - *IP 55

6,000

30,00 Dm³
VOLUME AFTER PACKING
VOLUME IMBALLATO



CSBPG 400ACC



3P + N + PE

AMP 400 A

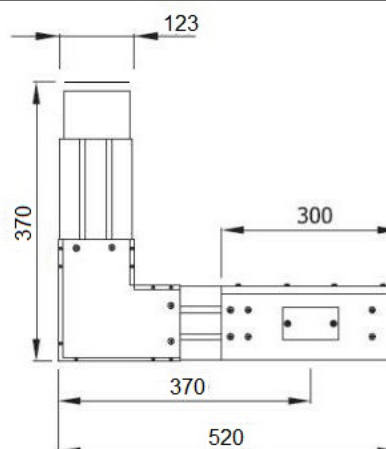
IP 41 - *IP 55

9,000

30,00 Dm³
VOLUME AFTER PACKING
VOLUME IMBALLATO



CSBPG 630ACC



3P + N + PE

AMP 630 A

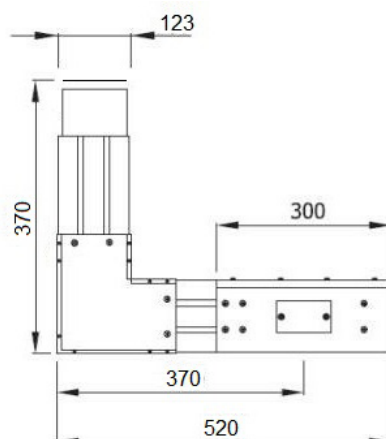
IP 41 - *IP 55

9,503

30,00 Dm³
VOLUME AFTER PACKING
VOLUME IMBALLATO



CSBPG 800ACC



3P + N + PE

AMP 800 A

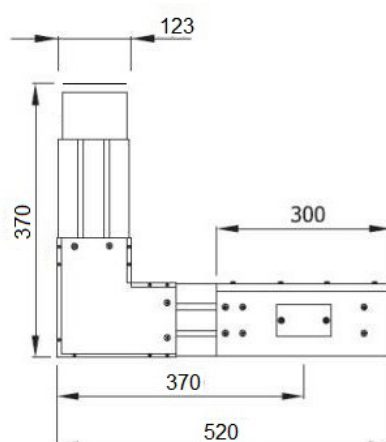
IP 41 - *IP 55

10,530

30,00 Dm³
VOLUME AFTER PACKING
VOLUME IMBALLATO



CSBPG 1000ACC



3P + N + PE

AMP 1000 A

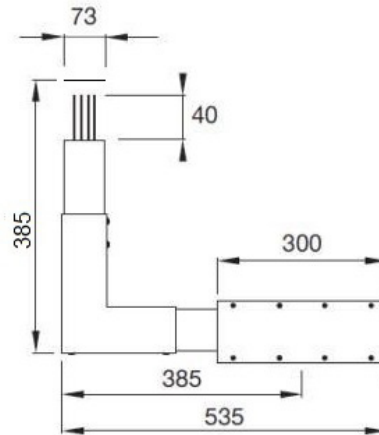
IP 41 - *IP 55

13,000

30,00 Dm³
VOLUME AFTER PACKING
VOLUME IMBALLATO



CPBPG 250ACC



3P + N + PE

AMP 250 A

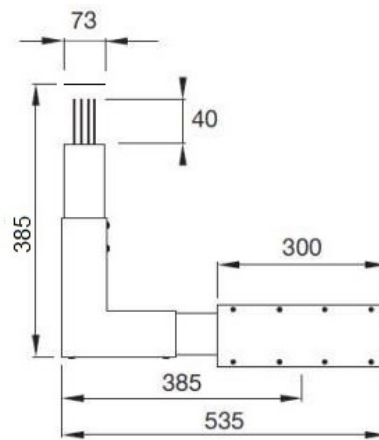
IP 41 - *IP 55

8,092

30,00 Dm³
VOLUME AFTER PACKING
VOLUME IMBALLATO



CPBPG 400ACC



3P + N + PE

AMP 400 A

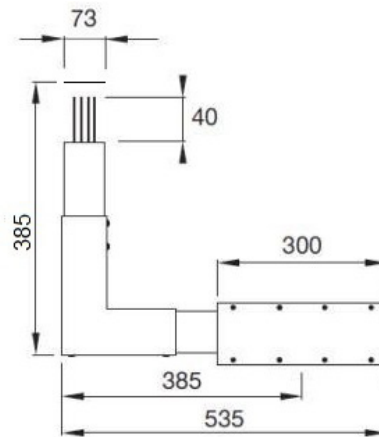
IP 41 - *IP 55

8,461

30,00 Dm³
VOLUME AFTER PACKING
VOLUME IMBALLATO



CPBPG 630ACC



3P + N + PE

AMP 630 A

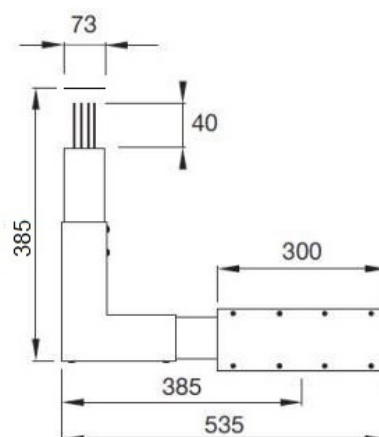
IP 41 - *IP 55

9,555

30,00 Dm³
VOLUME AFTER PACKING
VOLUME IMBALLATO



CPBPG 800ACC



3P + N + PE

AMP 800 A

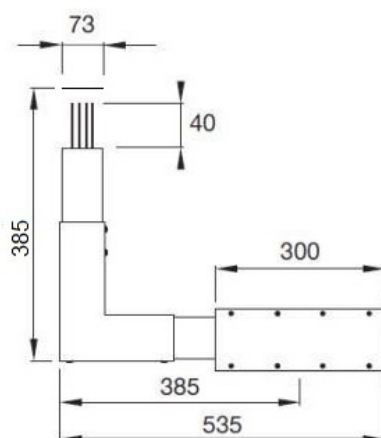
IP 41 - *IP 55

10,320

30,00 Dm³
VOLUME AFTER PACKING
VOLUME IMBALLATO



CPBPG 1000ACC



3P + N + PE

AMP 1000 A

IP 41 - *IP 55

10,320

30,00 Dm³
VOLUME AFTER PACKING
VOLUME IMBALLATO



IP55BRP



0,010

0,50 Dm³
VOLUME AFTER PACKING
VOLUME IMBALLATO

IP55 BP



IP55OT



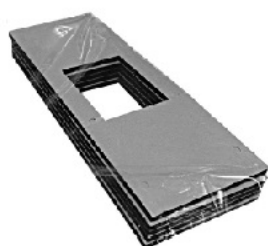
0,037

0,50 Dm³
VOLUME AFTER PACKING
VOLUME IMBALLATO

IP55 BP



IP55BRG



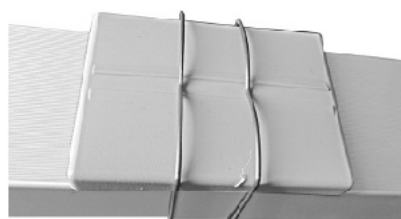
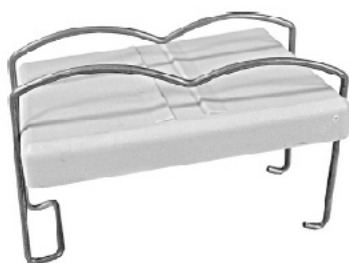
0,037

0,50 Dm³
VOLUME AFTER PACKING
VOLUME IMBALLATO

IP55 BPG



IP55OT G



0,037

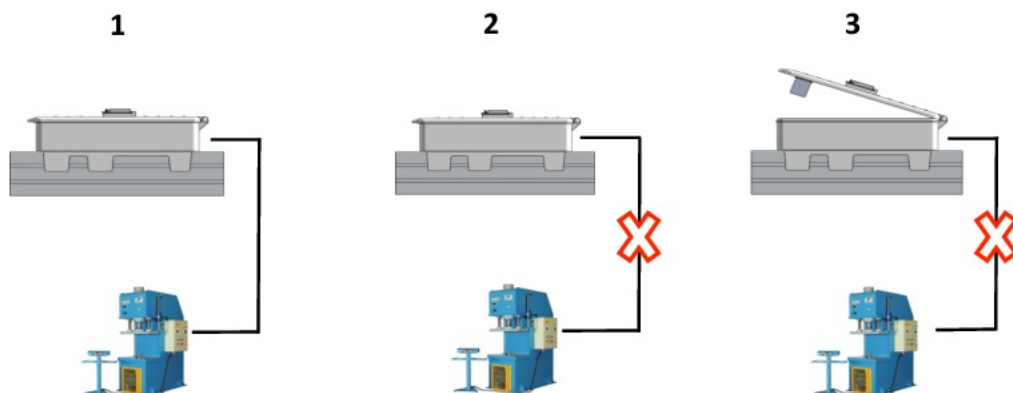
0,50 Dm³
VOLUME AFTER PACKING
VOLUME IMBALLATO

IP55 BPG

INTERLOCK MECHANISM lets the tap off in position on the busbar opening the cover lid the internal parts are out of tension because the interlock is depending on the covers blades that cut the tension between terminal and circuit breaker or fuse holder no internal parts when the cover is open are under tension. Open the cover no tension into the tap off.

SUPERCAT STANDARD (SUPERCAT...D / SUPERCAT...F)

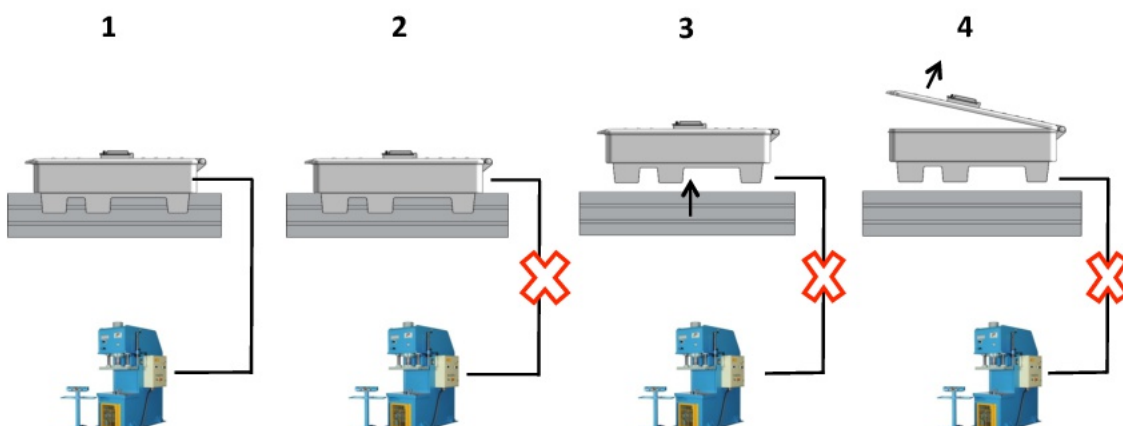
- 1- TAP-OFF CONNECTED
- 2- CIRCUIT TO FEED MACHINE OPEN
- 3- OPEN THE TAP-OFF **WITHOUT REMOVING (INTERLOCK)**



NO INTERLOCK MECHANISM MEANS that to open the cover lid the operator must remove the tap off from the busbar, only after this the cover can be removed because the screws to open the cover are facing the busbar remove the tap off and after this can remove the cover and open the tap off

SUPERCAT SEMPLIFIED (SUPERCAT...DS / SUPERCAT...FS)

- 1- TAP-OFF CONNECTED
- 2- CIRCUIT TO FEED MACHINE OPEN
- 3- TAP-OFF IS REMOVED FROM BUSBAR (**NOT OPEN COVER BEFORE**) **NOT INTERLOCK**
- 4- OPEN THE COVER





CAT

TAB. B POLYPROPYLENE



GENERAL DESCRIPTION DESCRIZIONE GENERALE

Cat is the small tap off box 3P+PE for all the ranges BP and BPG plastic made of polypropylene and internal contacts in copper can be prepared for direct connection or for use fuse holders or for circuit breakers installation on din rails ratings can be 32 A. The safety is assured as to open the lid this tap off shall be uninstalled from the busbar mechanically.

Spina di ridotte dimensioni per impieghi leggeri da 32 A 3P+T. Può avere connessioni dirette oppure può ospitare interruttori magnetotermici e portafusibili installabili sulla guida din contenuta internamente. La sicurezza è data dalla impossibilità di rimuovere il coperchio a spina installata.



SUPERCAT

TAB. B POLYPROPYLENE



Supercat is a flexible tap off multipurpose for a wide range of installations. This tap off can contain circuit breakers or fuse holders or a number of electronic parts. The ratings can be from 50 to 100 A and the security is assured by the interlock mechanism as opening the lid, the current is off even into the internal connections. A lot of special tap offs can be prepared on request. Some pictures at the end of this part of the catalogue give an idea of the different tap off, we can make compatible with all ranges BP-BPG

Supercat è una spina compatibile con la intera serie Power di grande flessibilità in quanto può ospitare interruttori su guida din e portafusibili di potenze da 50 a 100 A ed anche una serie di svariati allestimenti a richiesta con prese e altri elementi di elettronica e di comando. Tutte queste diverse realizzazioni sono su richiesta e sono sintetizzate per esempio a fondo delle illustrazioni della serie Power. La sicurezza è garantita dal fatto che a coperchio aperto la spina non ha parti accessibili attive all'interno.



STAR

TAB. B POLYPROPYLENE



Star is the biggest plastic tap off box with all the specifications as per Supercat and ratings from 50 to 160 A. As per Supercat this tap off can be requested on demand with special sets of plugs and other electrical or electronic parts. See pictures at the end of this power part.

Spina di grandi dimensioni in materiale plastico. Potenze da 50 a 160 A ed accoglie tutti i portafusibili e gli interruttori su guida din relativi alla portata. Può anche essere allestita con elementi speciali a richiesta come prese CEE come da figura a fine settore Power. Il meccanismo sul coperchio di interruzione della corrente interna a coperchio aperto ne consente l'operatività in totale sicurezza.



STAR DM

METAL



Metal Star is the big metal tap off box with all the specifications as per Star plastic and ratings from 50 to 250 A. As per Star plastic this tap off can be requested on demand with special sets of plugs and other electrical or electronic parts. See pictures at the end of this power part. The internal circuits are protected for security reasons by a transparent plastic strong barrier. On demand can be installed a proper handle circuit breaker to interrupt current when the rotation handle is on open position to let open the lid with no current inside

Spina di grandi dimensioni in metallo, capacità da 50 a 250 A, accoglie tutti i portafusibili e gli interruttori su guida din relativi alla portata. Accoglie apparecchiature come interruttori scatolati e portafusibili di grandi dimensioni sezionabili. Può essere allestita con elementi a richiesta come prese CEE come da figura a fine settore Power. Può essere dotata a richiesta di interruttore rotativo di protezione ed interruzione delle parti elettriche interne attive quando si apre il coperchio, mentre di serie la protezione delle parti in tensione è data da una paratia di sicurezza in plastica trasparente



CAT 32D

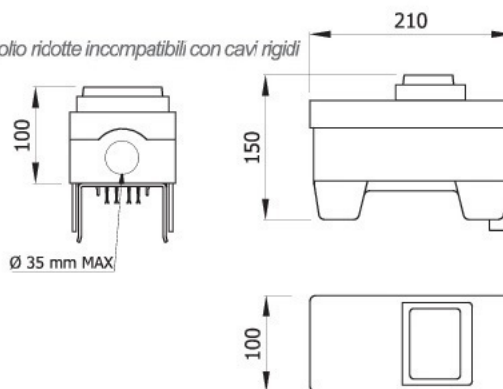
TAP OFF

WARNING: This body is very small

ATTENZIONE: questa spina ha dimensioni molto ridotte incompatibili con cavi rigidi



DIN RAIL (inside)



3P + N + PE
AMP 32 A
IP 41 - *IP 55
0,950
10 mm ² TERMINAL BLOCK MORSETTIERA
9,706 Dm ³ VOLUME AFTER PACKING VOLUME IMBALLATO
4 MODULS
DIN RAIL



CAT 32DC

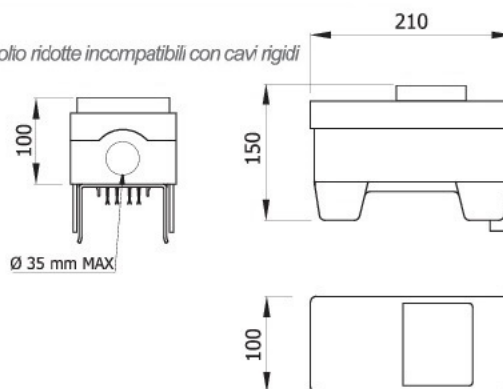
TAP OFF

WARNING: This body is very small

ATTENZIONE: questa spina ha dimensioni molto ridotte incompatibili con cavi rigidi



DIN RAIL (inside)



3P + N + PE
AMP 32 A
IP 41 - *IP 55
0,950
10 mm ² TERMINAL BLOCK MORSETTIERA
9,706 Dm ³ VOLUME AFTER PACKING VOLUME IMBALLATO
4 MODULS
DIN RAIL



CAT 32DT

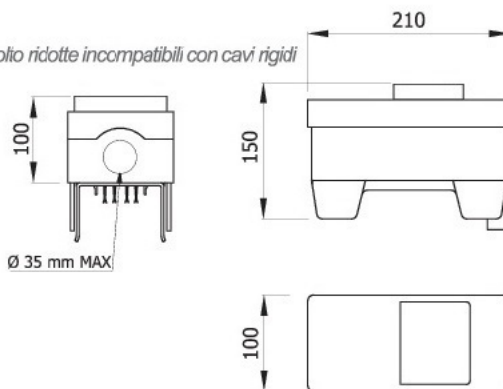
TAP OFF

WARNING: This body is very small

ATTENZIONE: questa spina ha dimensioni molto ridotte incompatibili con cavi rigidi



DIN RAIL (inside)



3P + N + PE
AMP 32 A
IP 41 - *IP 55
0,950
10 mm ² TERMINAL BLOCK MORSETTIERA
9,706 Dm ³ VOLUME AFTER PACKING VOLUME IMBALLATO
4 MODULS
DIN RAIL



CAT 32F

TAP OFF

WARNING: This body is very small

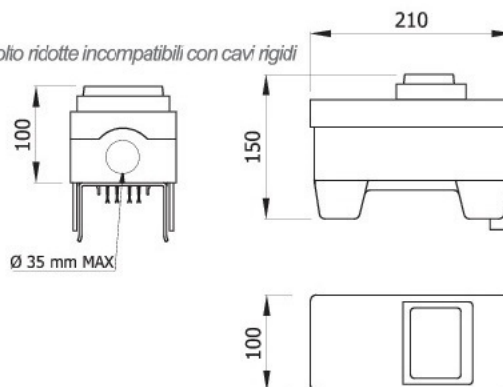
ATTENZIONE: questa spina ha dimensioni molto ridotte incompatibili con cavi rigidi



DIN RAIL (inside)



FUSE HOLDER

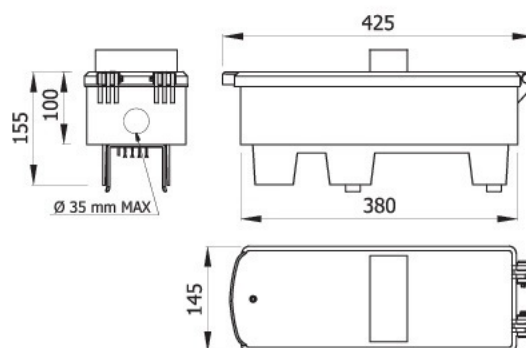


3P + N + PE
AMP 32 A
IP 41 - *IP 55
1,000
10 mm ² TERMINAL BLOCK MORSETTIERA
9,706 Dm ³ VOLUME AFTER PACKING VOLUME IMBALLATO
10 x 38
4 MODULS
DIN RAIL



SUPERCAT 50D

TAP OFF

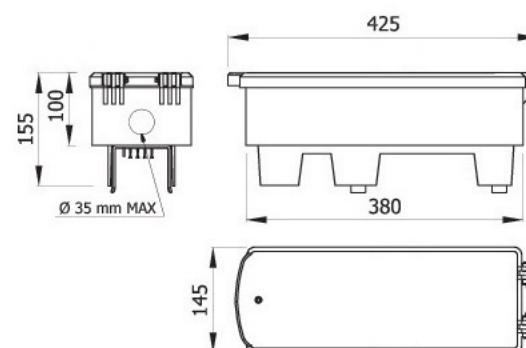


3P + N + PE
AMP 50 A
IP 41 - *IP 55
2,300
16 mm ² TERMINAL BLOCK MORSETTIERA
16,00 Dm ³ VOLUME AFTER PACKING VOLUME IMBALLATO
4 MODULS
DIN RAIL



SUPERCAT 50DC

TAP OFF

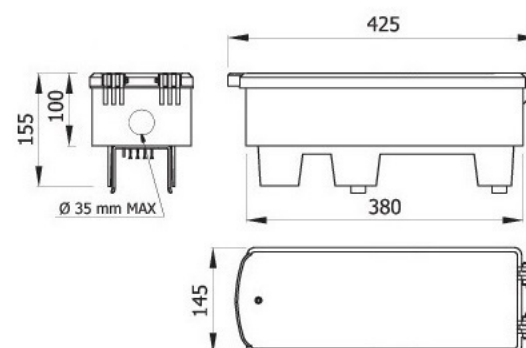


3P + N + PE
AMP 50 A
IP 41 - *IP 55
2,300
16 mm ² TERMINAL BLOCK MORSETTIERA
16,00 Dm ³ VOLUME AFTER PACKING VOLUME IMBALLATO
4 MODULS
DIN RAIL



SUPERCAT 50DT

TAP OFF

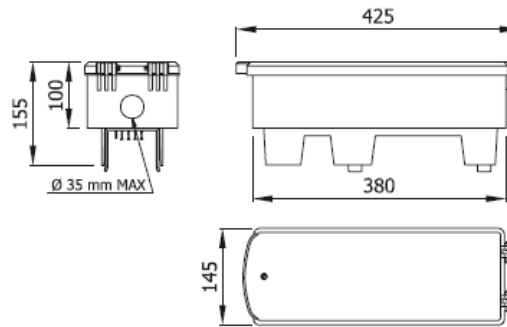
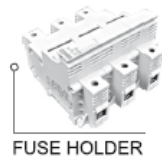


3P + N + PE
AMP 50 A
IP 41 - *IP 55
2,300
16 mm ² TERMINAL BLOCK MORSETTIERA
16,00 Dm ³ VOLUME AFTER PACKING VOLUME IMBALLATO
4 MODULS
DIN RAIL



SUPERCAT 50F

TAP OFF



3P + N + PE
AMP 50 A
IP 41 - *IP 55
2,700
10 mm ² Max 16 mm ² TERMINAL BLOCK MORSETTIERA
16,00 Dm ³ VOLUME AFTER PACKING VOLUME IMBALLATO
14 x 51
4 MODULS
DIN RAIL

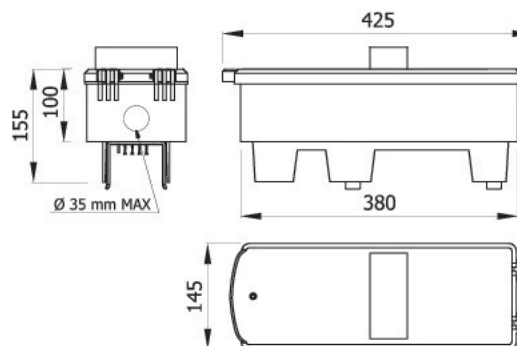


SUPERCAT 100D

TAP OFF



DIN RAIL (inside)



3P + N + PE
AMP 100 A
IP 41 - *IP 55
2,300
35 mm ² TERMINAL BLOCK MORSETTIERA
16,00 Dm ³ VOLUME AFTER PACKING VOLUME IMBALLATO
4 MODULS
DIN RAIL

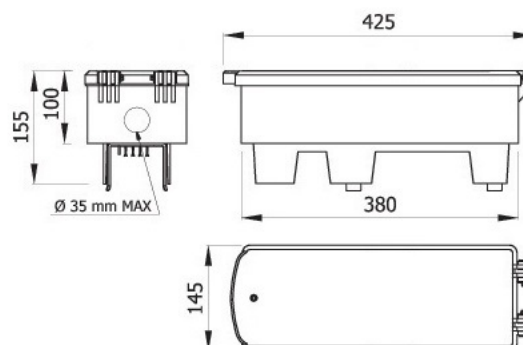


SUPERCAT 100DC

TAP OFF



DIN RAIL (inside)



3P + N + PE
AMP 100 A
IP 41 - *IP 55
2,300
35 mm ² TERMINAL BLOCK MORSETTIERA
16,00 Dm ³ VOLUME AFTER PACKING VOLUME IMBALLATO
4 MODULS
DIN RAIL

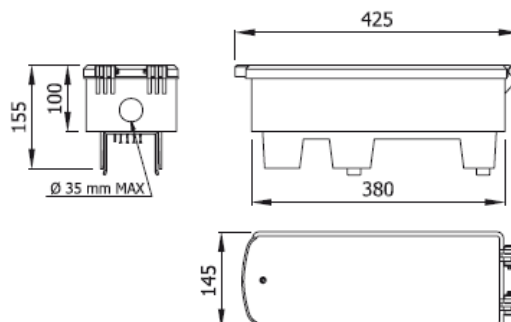


SUPERCAT 100DT

TAP OFF



DIN RAIL (inside)



3P + N + PE
AMP 100 A
IP 41 - *IP 55
2,300
35 mm ² TERMINAL BLOCK MORSETTIERA
16,00 Dm ³ VOLUME AFTER PACKING VOLUME IMBALLATO
4 MODULS
DIN RAIL



SUPERCAT 100F

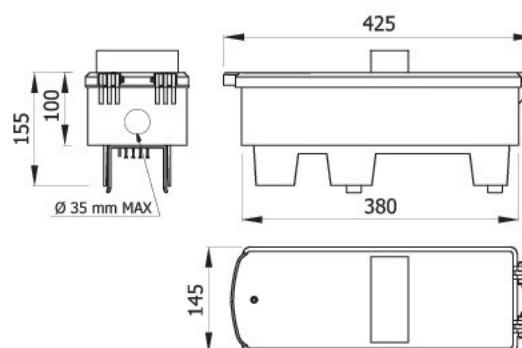
TAP OFF



DIN RAIL (inside)



FUSE HOLDER



3P + N + PE
AMP 100 A
IP 41 - *IP 55
2,700
35 mm ² TERMINAL BLOCK MORSETTIERA
16,00 Dm ³ VOLUME AFTER PACKING VOLUME IMBALLATO
22 x 58
4 MODULS
DIN RAIL



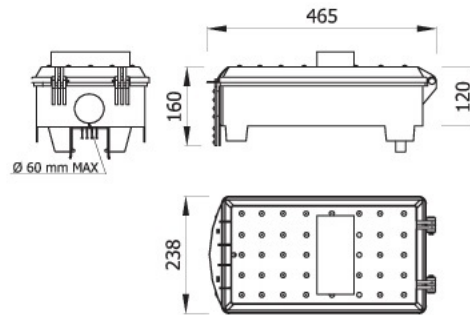
STAR 100 - 125D

TAP OFF



DIN RAIL (inside)

TERMINAL



3P + N + PE
AMP 100 - 125 A
IP 41 - *IP 55
3,700
35 mm² TERMINAL BLOCK MORSETTIERA
20,40 Dm³ VOLUME AFTER PACKING VOLUME IMBALLATO
8 MODULS
DIN RAIL



STAR 100F

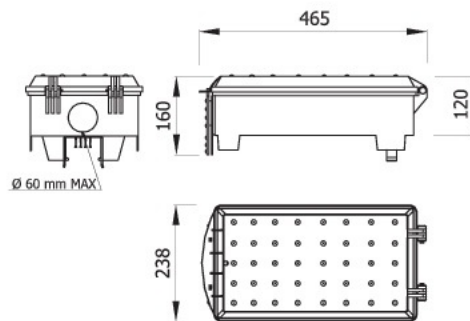
TAP OFF



TERMINAL



FUSE HOLDER



3P + N + PE
AMP 100 A
IP 41 - *IP 55
3,246
35 mm² TERMINAL BLOCK MORSETTIERA
20,40 Dm³ VOLUME AFTER PACKING VOLUME IMBALLATO
22 x 58
DIN RAIL



STAR 125F

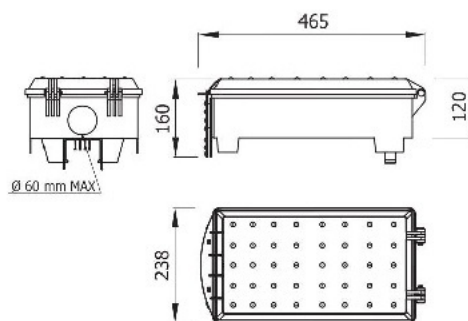
TAP OFF



TERMINAL



FUSE HOLDER

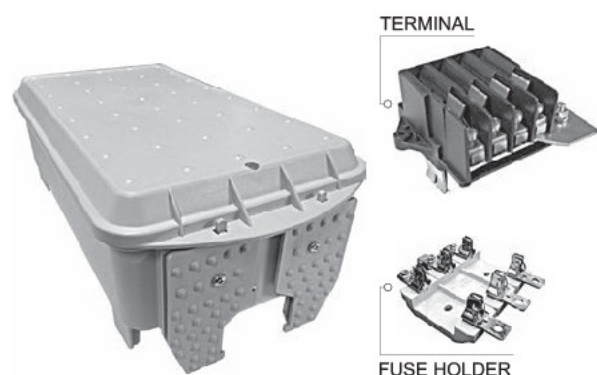


3P + N + PE
AMP 125A
IP 41 - *IP 55
3,200
35 mm² TERMINAL BLOCK MORSETTIERA
16,00 Dm³ VOLUME AFTER PACKING VOLUME IMBALLATO
NH00



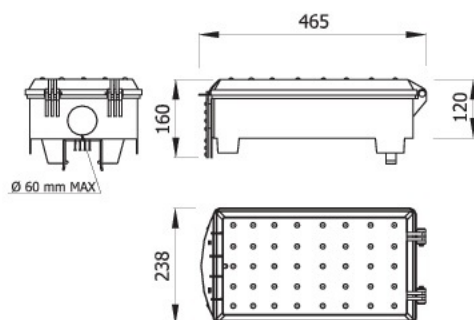
STAR 160F

TAP OFF



TERMINAL

FUSE HOLDER

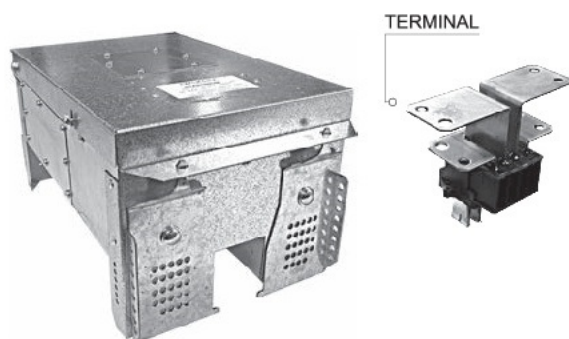


3P + N + PE
AMP 160 A
IP 41 - *IP 55
3,200
2,5 mm² Max 25 mm² TERMINAL BLOCK MORSETTIERA
20,40 Dm³ VOLUME AFTER PACKING VOLUME IMBALLATO
NH00

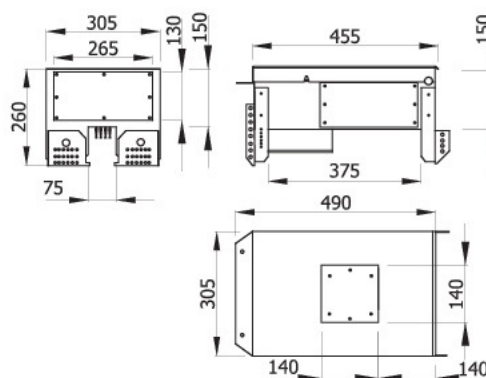


STAR 160DM

TAP OFF



TERMINAL

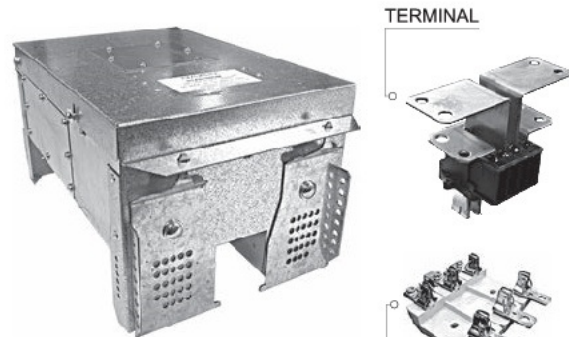


3P + N + PE
AMP 160 A
IP 41 - *IP 55
14,070
90 mm² TERMINAL BLOCK MORSETTIERA
40,30 Dm³ VOLUME AFTER PACKING VOLUME IMBALLATO



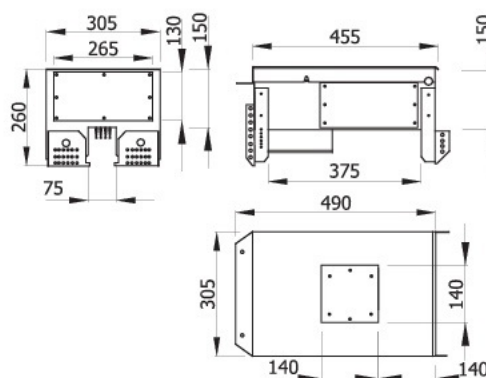
STAR 160DMF

TAP OFF



TERMINAL

FUSE HOLDER



3P + N + PE
AMP 160 A
IP 41 - *IP 55
14,300
90 mm² TERMINAL BLOCK MORSETTIERA
40,30 Dm³ VOLUME AFTER PACKING VOLUME IMBALLATO
NH00

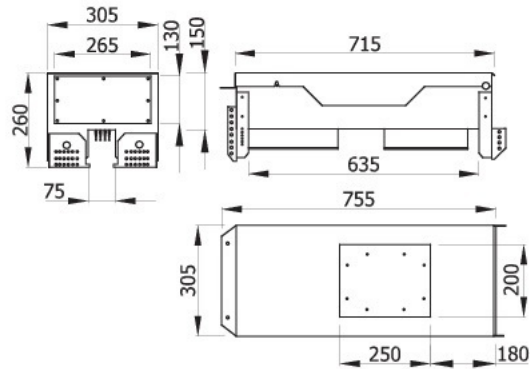


STAR 250DM

TAP OFF



TERMINAL



3P + N + PE

AMP 250 A

IP 41 - *IP 55

16,500

90 mm²
TERMINAL BLOCK
MORSETTIERA

40,30 Dm³
VOLUME AFTER PACKING
VOLUME IMBALLATO



STAR 250DMF

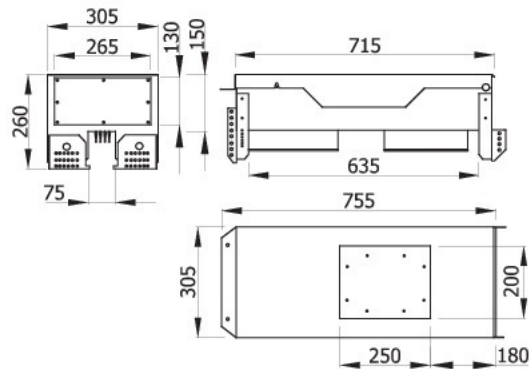
TAP OFF



TERMINAL



FUSE HOLDER



3P + N + PE

AMP 250 A

IP 41 - *IP 55

20,100

90 mm²
TERMINAL BLOCK
MORSETTIERA

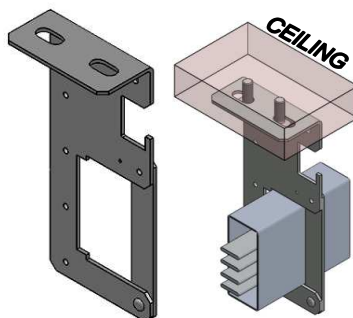
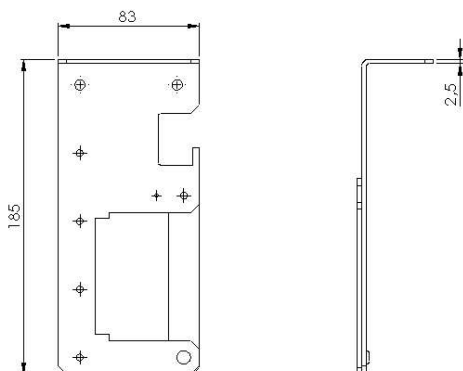
40,30 Dm³
VOLUME AFTER PACKING
VOLUME IMBALLATO

NH01

BRACKETS NAXSOPOWER

BP

STS

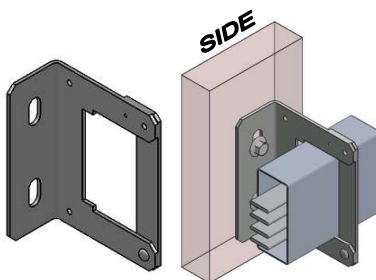
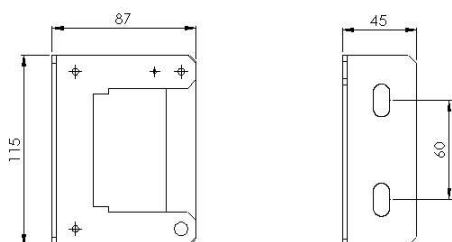


BRACKETS FOR BP RANGE FOR CEILING SUSPENSION

METAL LID TO FIX THE BUSBAR

THE LITTLE AREA ON TOP OF THE BUSBAR ROOM IN TO LET A LASTIC PIPE OR A PLASTICA CABLE TRAY FOR CABLES THE DIMENSION IN 18 MM X 18 MM

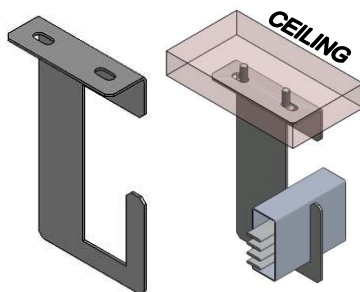
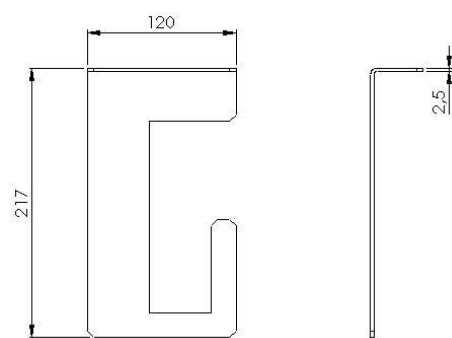
STP



WALL BRACKET FOR BP RANGE

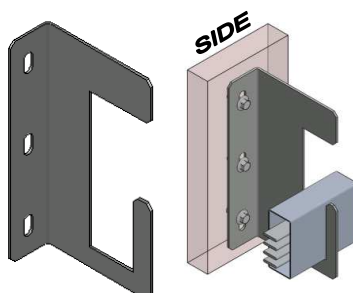
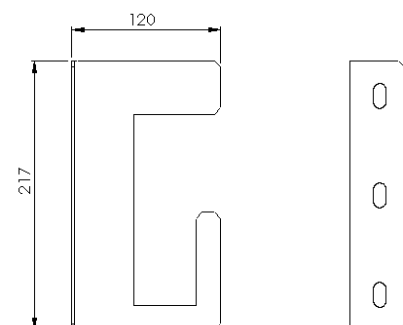
THIS BRACKET MAY EVEN BE FIXED TO FLOOR TO LET A FLOOR INSTALLATION

STSNL



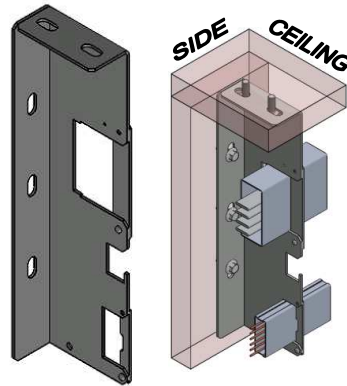
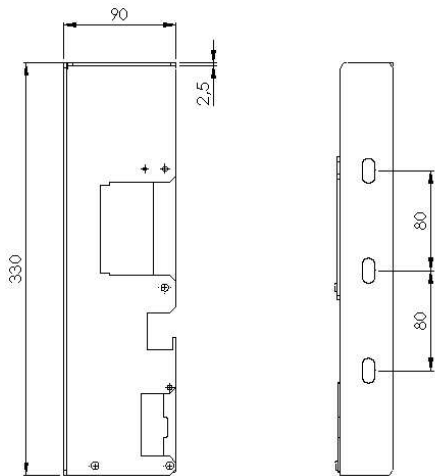
CEILING BRACKETS WITHOUT LID SIMPLE INSTALLATION WHERE THE BP RANGE CAN BE SLIDED AND THAT SITTED DOWN WITHOUT THE RISK OF EXITING DUE TO THE VERY STRAIGHT DIMENSION OF THE ENTRANCE SO THAT ONLY A STRICT INSERTION MAY THE BUSBAR ENTER IN THE PLACE

STPNL



WALL BRACKET WITHOUT LID SIMPLE INSTALLATION WHERE BP RANGE CAN BE SLIDED AND THAT SITTED DOWN WITHOUT THE RISK OF EXITING DUE TO THE VERY STRAIGHT DIMENSION OF THE ENTRANCE SO THAT ONLY A STRICT INSERTION MAY THE BUSBAR ENTER IN THE PLACE

STSL

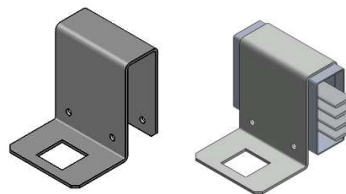
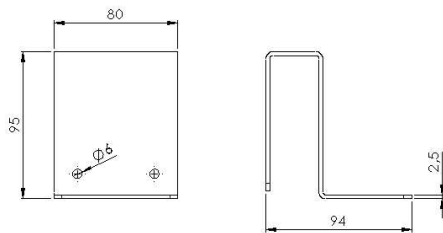


CEILING OR WALL BRACKET TO LET DOUBLE INSTALLATION BP RANGE AND LIGHTING RANGE

BUSBAR WITH AN ADDITIONAL AREA FOR CABLE TRAY PLASTIC MADE OR PIPE CABLE

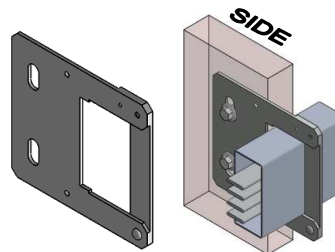
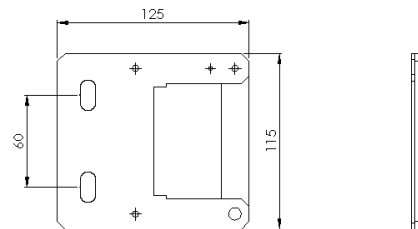
THE AREA FOR PIPE OR CABLE TRAY IS 18 MM X 18 MM

STPP



BRACKET TO LET A CABLE OUT OF THE TAP OFF BE FIXED IN A VERTICAL RUN WITHOUT WEIGHTING ON THE TAP OFF

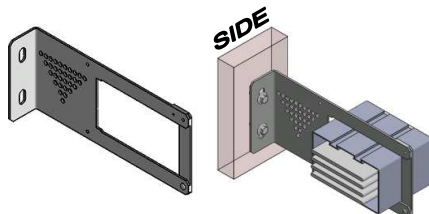
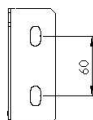
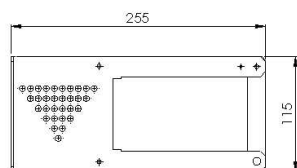
STK



SIMPLE BP RANGE BRACKET TO BE FIXED TO EXHISTING PART LIKE PILLARS, STRUCTURAL RUNS OR CABLE TRAYS

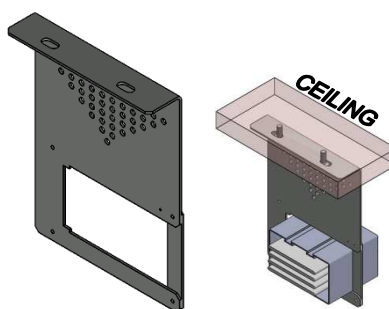
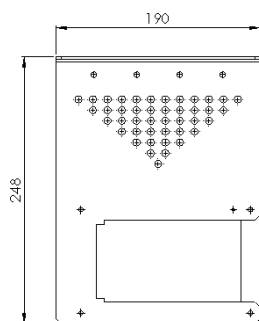
BPG

STPG



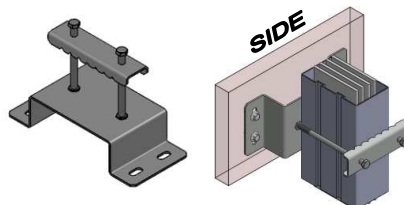
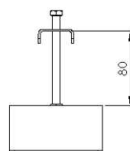
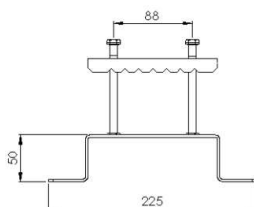
WALL INSTALLATION BRACKET FOR BPG RANGE ABLE TO FIX THE BUSBAR AT A DISTANCE OF 100 MM FROM THE WALL

STSG



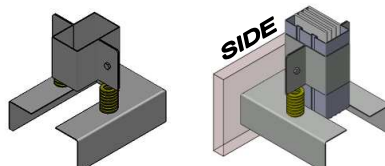
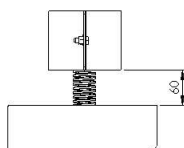
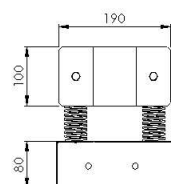
CEILING BRACKET TO LET THE BPG RANGE INSTALLATION AT A DISTANCE BY 150 MM FROM THE CEILING

SPVSG



SIMPLE BRACKET FOR VERTICAL RISERS INSTALLATION OF BPG RANGE

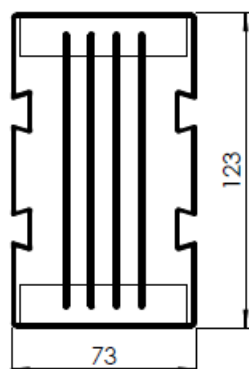
SPVBPG



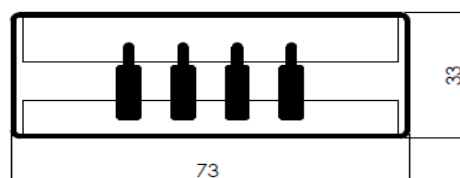
SIMPLE BRACKET WITH SPRINGS FOR VERTICAL RISERS INSTALLATION OF BPG

DIFFERENT DATA SHEET FOR BP250 AND BPG250

		BP250	BPG250
Standards	IEC 60439-2		
Rated insulation voltage / Tensione di isolamento	U_i [V]	1000	1000
Rated operational voltage / Tensione nominale di impegno	U_e [V]	800	800
Exposed conductive part - PE Dimension / Dimensioni involucro - PE	mm	73x33	123x33
Live part cross section / Sezione conduttore	mm ²	120	216
Exposed conductive part - PE Thickness / Spessore involucro - PE	mm	1,1	1,45
Rated Frequency / Frequenza nominale	f [Hz]	50/60	50/60
Exposed conductive part - PE cross section / Sezione dell'involucro - PE	mm ²	224	627
Rated short time withstand current / Corrente di tenuta di breve durata (1 s)	I'_{cw} [KA]	7	8
Phase resistance at 20°C / fase di resistenza a 20°C	R_{20} [mΩ/m]	0,336	0,288
Phase impedance / fase di impedenza	Z [mΩ/m]	0,489	0,397
Phase reactance (50Hz) / fase di reattanza (50Hz)	X_1 [mΩ/m]	0,098	0,095
Weight 4 conductors / peso 4 conduttori	Kg/m	1,95	6,2
Windows / finestrelle	Nr	5	5
Max Tap-off / Massima spina ammissibile	A	100	200
Tension drop at 100mt full load / caduta di tensione a 100mt a pieno carico	%	8	2,5
Ambient air Temperature range / Temperatura dell'aria ambiente	°C	-5°+40°	-5°+40°
IP standard protection degree / Grado di protezione standard IP	IP	44	44
IP with accessories protection degree / IP con accessori	IP	55	55

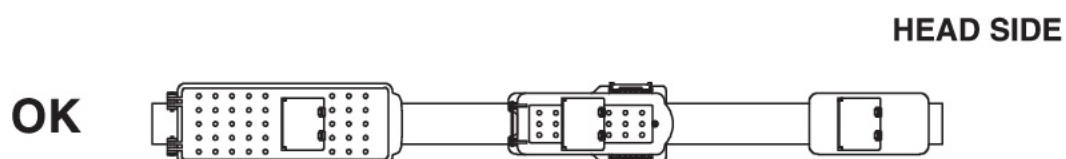
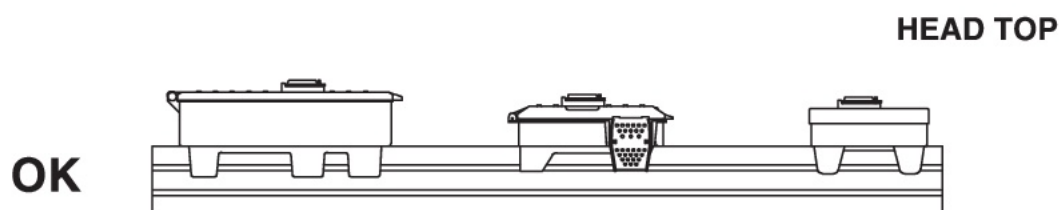
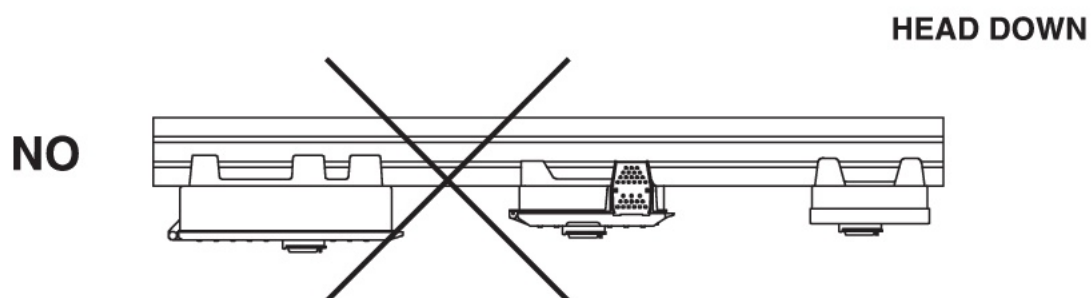
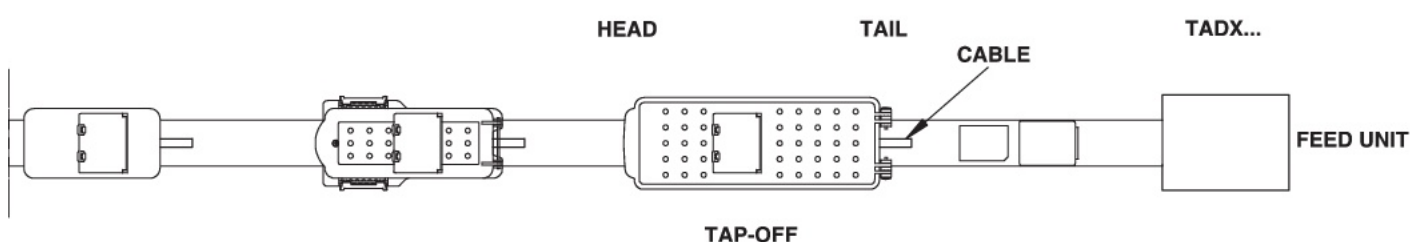
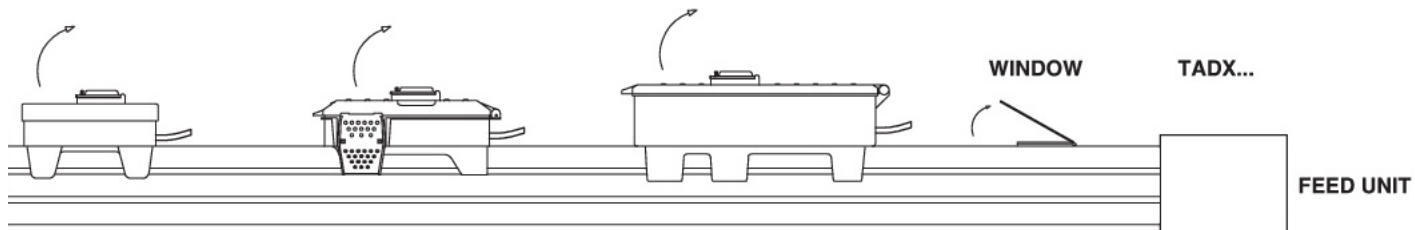


BPG250A
MAX TAP-OFF : 200A



BP250A
MAX TAP-OFF : 100A

Maximum length for line BP250A : 30 meters



CONDUCTORS CROSS SECTION mm²		
BUSBAR	ALUMINIUM	COPPER
<i>LIGHTING (BA)</i>		
25A	ONLY IN COPPER	2,5
40A	ONLY IN COPPER	6
63A	ONLY IN COPPER	6,7
<i>POWER (BP)</i>		
40A	36	15
63A	40	18
100A	45	40
160A	65	60
250A	120	70
<i>POWER (BPG)</i>		
250A	216	75
400A	271	100
630A	379	165
800A	515	220
1000A	665	330
1250A	ONLY IN COPPER	440
<i>POWERSANDWICH (PXW)</i>		
1250A	850	450
1600A	1104	600
2000A	1354	750
2500A	1577	960
3200A	1827	600 x2
4000A	1354 x2	750 x2
5000A	1577 x2	960 x2
6300A	1827 x2	ONLY IN ALUMINIUM

**NAXSOPOWER BP****INFORMAZIONI TECNICHE / TECHNICAL INFORMATION**

Variazioni della portata (A) in funzione della temperatura vedi norma CEI EN 61439-6 / IEC 61439-6.

Flows of current (A) as a function of temperature see norm CEI EN 61439-6 / IEC 61439-6.

Temperatura ambiente Ambient temperature (°C)	15	20	25	30	35	40	45	50
Moltiplicatore Multiplier	1,15	1,12	1,08	1,05	1,025	1	0,975	0,95

Moltiplicatore di corrente nominale in funzione della temperatura ambiente diversa da 40 °C.

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

DATI TECNICI / TECHNICAL DATA

Norme / Norms Conformity		EN 61439-6			
		63	100	160	250
Ingombro del condotto Overall dimension of the busbars	mm	73x33			
Corrente nominale Rated current	In [A]	63	100	160	250
Spessore dell'involucro Overall thickness of the busbar	mm	1,1	1,1	1,1	1,1
Sezione dei conduttori Live part cross section	mm²	40	45	65	120
Sezione involucro di protezione (Alluminio) PE cross section (Aluminium)	mm²	230			
Tensione nominale Operational voltage	Ue [V]	400			
Tensione di isolamento Insulation voltage	Ui [V]	690			
Frequenza Frequency	f [Hz]	50/60			
Grado di protezione standard Standard degree of protection	IP	44			
Grado di protezione con accessori Degree of protection with accessories	IP	55			
Corrente ammissibile di breve durata (1 sec.) Rated short-time current (0.1 s)	Icw [kA]	3	3	4,5	7
Corrente di picco Peak current	Ipk [kA]	6	6	7	9,5
Resistenza di fase @ 20° C Phase resistance at @ 20° C	R20 [mΩ/m]	0,906	0,871	0,61	0,324
Reattanza @ 50 hz Reactance @ 50 hz	Xp [mΩ/m]	0,308	0,308	0,205	0,109
Impedenza di fase Phase impedance	Zp [mΩ/m]	1,305	1,258	0,878	0,466
Resistenza di fase all'equilibrio termico Phase resistance at thermal conditions	Rt [mΩ/m]	1,268	1,219	0,854	0,421
Resistenza del conduttore di protezione Resistance of protective conductor	RPE [mΩm]	0,155	0,155	0,155	0,155
Resistenza anello di guasto Resistance of the fault loop	R0 [mΩm]	1,167	1,129	0,842	0,527
Reattanza @ 50 hz anello di guasto Reactance of the fault loop at 50 hz	X0 [mΩm]	0,278	0,278	0,278	0,157
Impedenza anello di guasto Impedance of the fault loop	Z0 [mΩm]	1,2	1,162	0,886	0,55
Caduta di tensione con carico distribuito Voltage drop with distributed load [V/m/A] 10 ⁻³	ΔV[V/m/A] 10 ⁻³ cosΦ = 0,70	0,959	0,93	0,644	0,378
	ΔV[V/m/A] 10 ⁻³ cosΦ = 0,75	1	0,968	0,672	0,388
	ΔV[V/m/A] 10 ⁻³ cosΦ = 0,80	1,039	1,005	0,698	0,395
	ΔV[V/m/A] 10 ⁻³ cosΦ = 0,85	1,074	1,038	0,722	0,401
	ΔV[V/m/A] 10 ⁻³ cosΦ = 0,90	1,105	1,067	0,743	0,403
	ΔV[V/m/A] 10 ⁻³ cosΦ = 0,95	1,127	1,087	0,758	0,4
	ΔV[V/m/A] 10 ⁻³ cosΦ = 1	1,098	1,056	0,74	0,365
Peso Weight	p [Kg/m]	1,5	1,5	1,8	2,8
Perdite joule Joule losses i² r	W / m	15,7	28	44,8	51,5
Temperatura ambiente Ambient temperature min/max	°C	-5°C / +50°C			



NAXSOPOWER BPG

INFORMAZIONI TECNICHE / TECHNICAL INFORMATION

Variazioni della portata (A) in funzione della temperatura vedi norma CEI EN 61439-6 / IEC 61439-6.

Flows of current (A) as a function of temperature see norm CEI EN 61439-6 / IEC 61439-6.

Temperatura ambiente Ambient temperature (°C)	15	20	25	30	35	40	45	50
Moltiplicatore Multiplier	1,15	1,12	1,08	1,05	1,025	1	0,975	0,95

Moltiplicatore di corrente nominale in funzione della temperatura ambiente diversa da 40 °C.

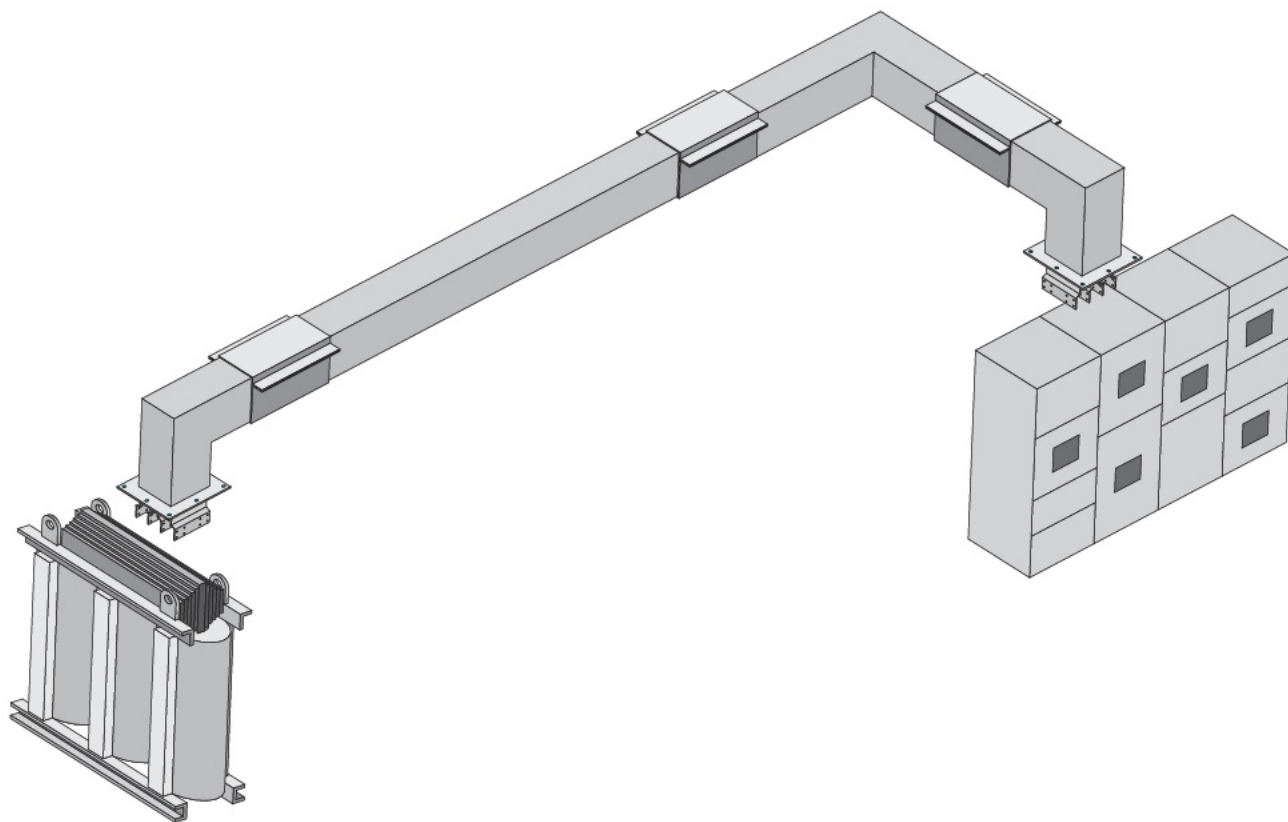
Multiplier coefficient of rated current for room temperature values different from 40 °C.

DATI TECNICI / TECHNICAL DATA

Norme / Norms Conformity		EN 61439-6				
		250	400	630	800	1000
Ingombro del condotto Overall dimension of the busbars	mm	123x73				
Corrente nominale Rated current	In [A]	250	400	630	800	1000
Spessore dell'involucro Overall thickness of the busbar	mm	1,4				
Sezione dei conduttori Live part cross section	mm²	216	272	379	515	665
Sezione involucro di protezione (Alluminio) PE cross section (Aluminium)	mm²	450				
Tensione nominale Operational voltage	Ue [V]	800				
Tensione di isolamento Insulation voltage	Ui [V]	800				
Frequenza Frequency	f [Hz]	50/60				
Grado di protezione standard Standard degree of protection	IP	44				
Grado di protezione con accessori Degree of protection with accessories	IP	55				
Corrente ammissibile di breve durata (1 sec.) Rated short-time current (0.1 s)	Icw [kA]	8		18		
Corrente di picco Peak current	Ipk [kA]	16.8		35		
Resistenza di fase @ 20° C Phase resistance at @ 20° C	R20 [mΩ/m]	0.151	0.087	0.076	0.050	0.042
Reattanza @ 50 hz Reactance @ 50 hz	Xp [mΩ/m]	0.047	0.045	0.043	0.041	0.039
Impedenza di fase Phase impedance	Zp [mΩ/m]	0.217	0.130	0.115	0.112	0.110
Resistenza di fase all'equilibrio termico Phase resistance at thermal conditions	Rt [mΩ/m]	0.211	0.122	0.160	0.095	0.080
Resistenza del conduttore di protezione Resistance of protective conductor	RPE [mΩm]	0.071	0.071	0.071	0.071	0.071
Resistenza anello di guasto Resistance of the fault loop	R0 [mΩm]	0.317	0.183	0.160	0.155	0.148
Reattanza @ 50 hz anello di guasto Reactance of the fault loop at 50 hz	X0 [mΩm]	0.045	0.042	0.040	0.038	0.036
Impedenza anello di guasto Impedance of the fault loop	Z0 [mΩm]	0.320	0.188	0.165	0.158	0.0145
Caduta di tensione con carico distribuito Voltage drop with distributed load [V/m/A] 10 ⁻³	$\Delta V[V/m/A] 10^{-3} \cos \Phi = 0,70$	0.157	0.102	0.091	0.085	0.070
	$\Delta V[V/m/A] 10^{-3} \cos \Phi = 0,75$	0.164	0.105	0.094	0.089	0.080
	$\Delta V[V/m/A] 10^{-3} \cos \Phi = 0,80$	0.171	0.108	0.096	0.092	0.088
	$\Delta V[V/m/A] 10^{-3} \cos \Phi = 0,85$	0.177	0.108	0.096	0.094	0.090
	$\Delta V[V/m/A] 10^{-3} \cos \Phi = 0,90$	0.183	0.110	0.099	0.096	0.092
	$\Delta V[V/m/A] 10^{-3} \cos \Phi = 0,95$	0.187	0.112	0.099	0.098	0.096
	$\Delta V[V/m/A] 10^{-3} \cos \Phi = 1$	0.183	0.105	0.092	0.08	0.075
Peso Weight	p [Kg/m]	5.4	6	7	7.8	8.2
Perdite joule Joule losses $i^2 r$	W / m	49.3	55.1	79.5	107.3	157.4
Temperatura ambiente Ambient temperature min/max	°C	-5°C / +40°C				



NAXSOSANDWICH



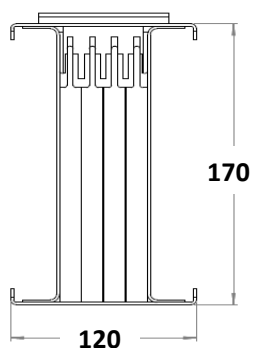
Naxso Sandwich is a modern busbar designed to guarantee high performances in a small dimension product. High performances are due to the design that is simple and easy and due to aluminum alloy that is 1050. Say the most pure in the range of extruded aluminium alloys and 13% better performing than the traditional 6060. All the housings are metal zinc galvanized and additionally painted so that the protection against aggressive climate and ambient conditions is very high and even electrical performances are assured by the mix of every pure aluminum and very low temperature and power dispersion due to design and housing painting. Two strong bolts in all the ratings up to 2000A and three bolts up to 4000A as well as five in 5000A make the joints to ensure a long life and constant pressure on all the conductors so that low maintenance is needed. When plug in is required a compact air busbar is made in the Naxso Sandwich range to give the right balance between ultracompact design in Feeder range and air compact to ensure good performance to all the tap offs installed and let an easy manufacturing of the busbar tap off up to 630A can be plugged along the busbar and up to 1000A on the joint.

Naxso Sandwich è una linea di condotti prefabbricati progettata per avere due principali caratteristiche, quali bassa impedenza e quindi alte prestazioni e notevole capacità di resistere al corto circuito e quindi a parità di amperaggio con altre serie di prodotti sul mercato garantisce alte prestazioni in dimensioni contenute.

Queste caratteristiche applicate ad una serie di prodotti di alto amperaggio si traducono in ridotte dimensioni, minimi pesi e massime prestazioni. Per prodotti di elevata potenza il vantaggio di essere semplici da installare e leggeri, conformemente alle potenze impiegate vuole dire costi molto contenuti e facilità di gestione del prodotto. Si pone l'accento sull'uso di alluminio di tipo lega 1050 come parte conduttori in quanto questa lega purissima è più performante della tradizionale lega 6060. Ha caratteristiche di conducibilità elettrica migliore del 13%, il che si traduce in migliori prestazioni e minori consumi per effetto joule, e minore dispersione e perdita di calore ed energia. I giunti sul prodotto sono dotati di due bulloni fino alla potenza di 2000A e di tre bulloni fino a 4000A, mentre il 5000A ha quattro bulloni. Ciò garantisce grande capacità di distribuzione di pressioni e quindi ottima ripartizione delle pressioni tra giunto e conduttori. Le carcasse metalliche della serie Naxso Sandwich sono in lamiera zincata e verniciata così come tutte le parti isolanti sono in classe B o superiore. Essendo il design semplice ed essenziale la realizzazione di lunghezze speciali fuori standard risulta veloce e semplice da realizzare. La grande gamma di possibili staffaggi offerta dalla Naxso per i suoi prodotti consente installazioni rapide, a tale fine si consiglia di sottoporre all'ufficio tecnico ogni sorta di problematica. In caso di richiesta di condotto tipo distribuzione Plug in la serie Air compact completa la gamma dando al prodotto il giusto bilanciamento tra le caratteristiche della distribuzione ultracompatta e i condotti atti alla distribuzione sacrificando parte delle caratteristiche di bassa impedenza a favore di un prodotto snello e performante in caso di installazione di spine lungo la tratta. Il Compact Air è veloce e leggero, facile da installare e consente l'inserimento di spine fino a 630 A lungo la tratta e di spine fino a 1000A sul giunto.

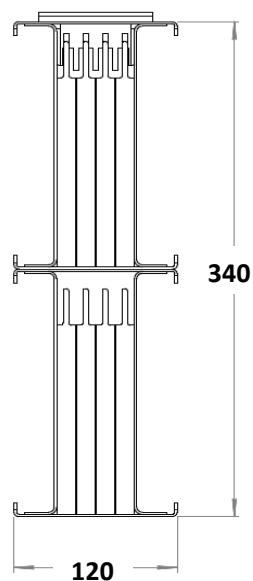


VERSIONI POWERSANDWICH
VERSION POWERSANDWICH



VERSION 1 (single) FOR RATING:

1250A AL ; 1600A AL ; 2000A AL ; 2500A AL ; 3200A AL

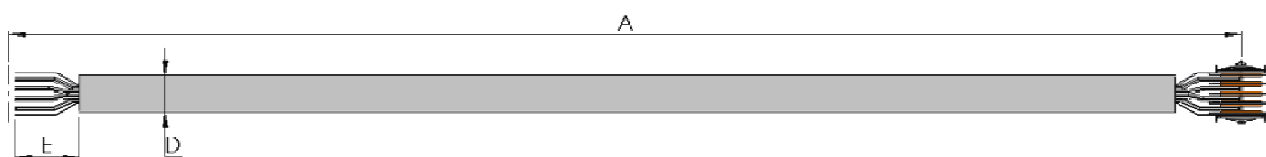
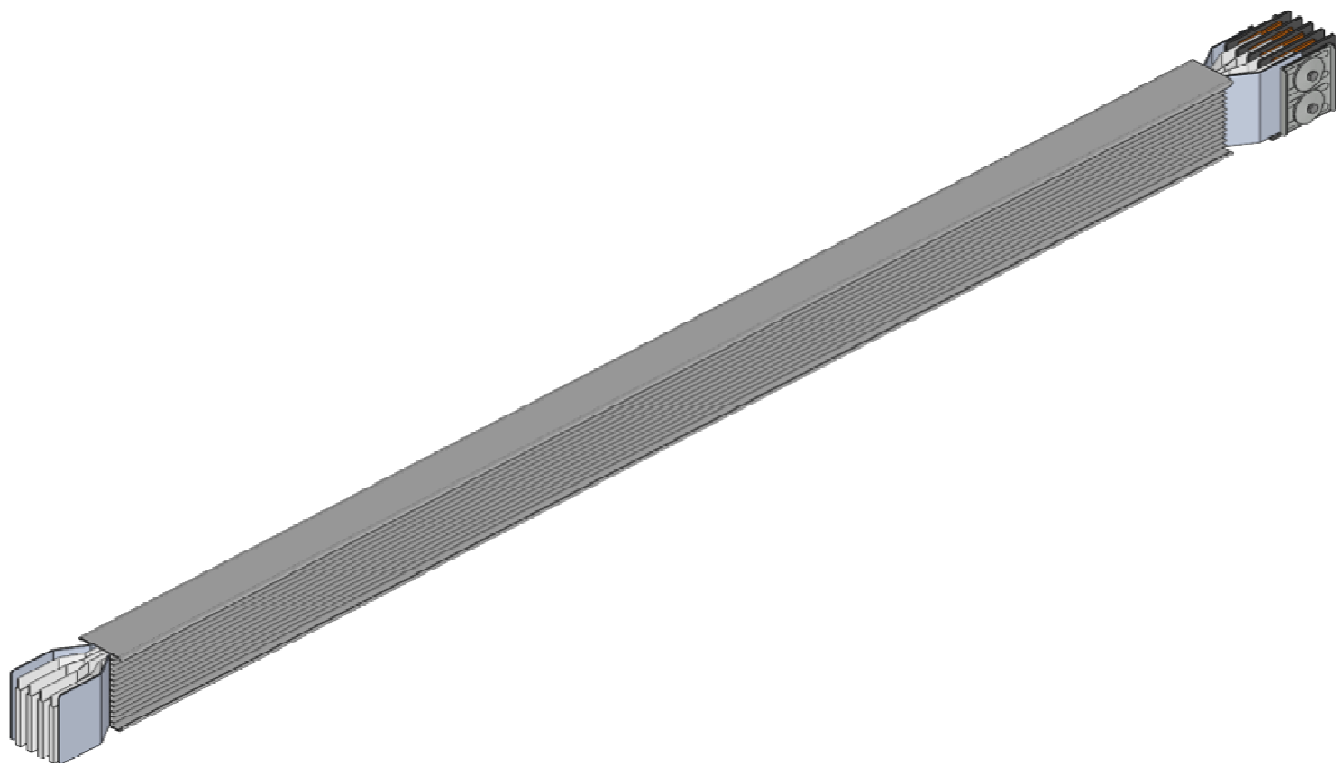


VERSION 2 (double) FOR RATING:

4000A AL ; 5000A AL ; 6300A AL



ELEMENTO RETTILINEO
STRAIGHT ELEMENT
FEEDER LENGTH

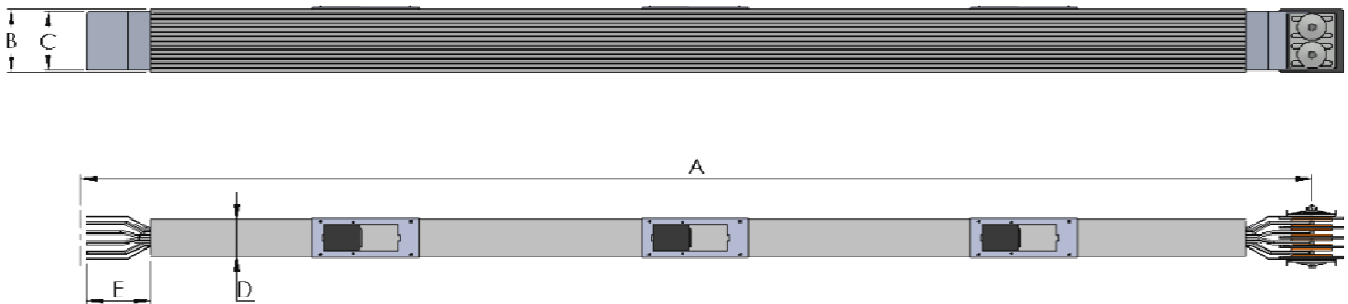
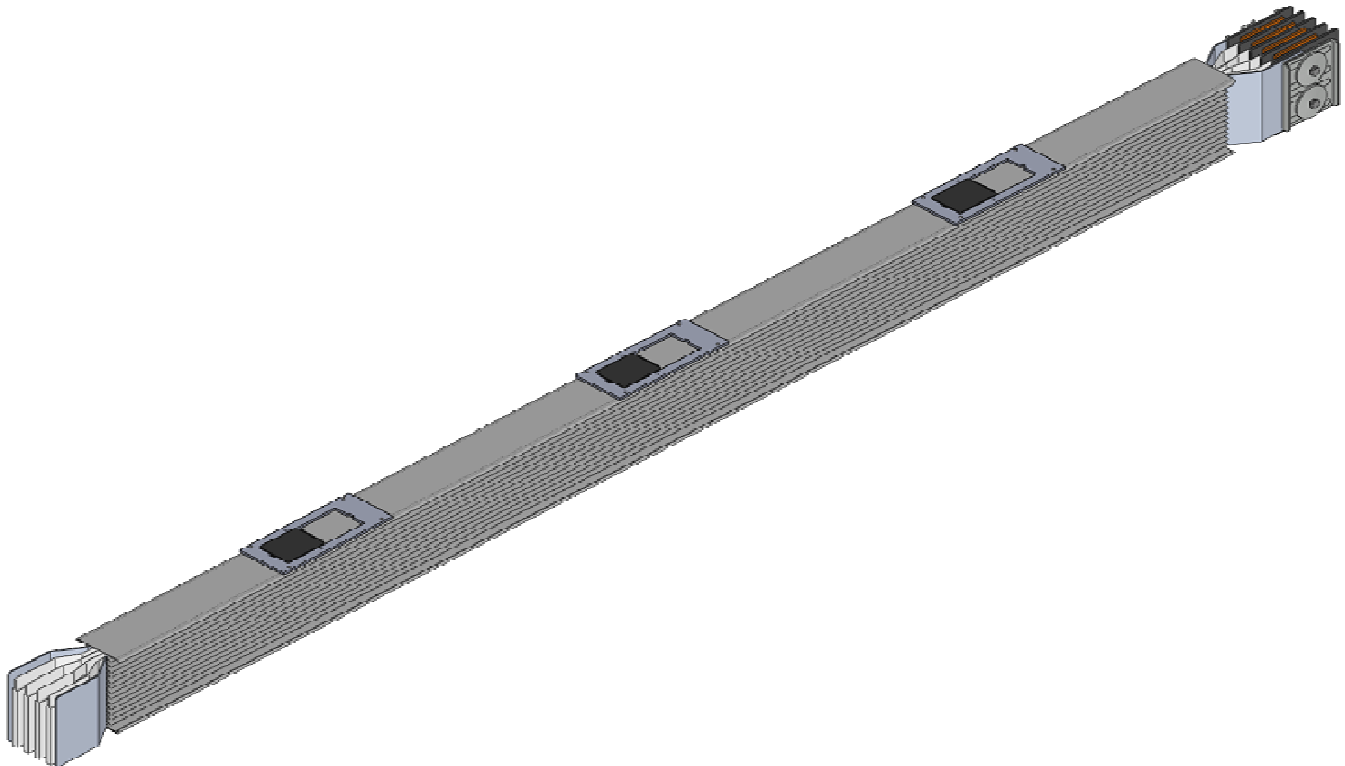


ATTENTION: MINIMUM LENGTH FOR FEEDER ELEMENT: 800 mm

RANGE	DIMENSIONS (mm)					CODE
	A	B	C	D	E	
1250 A	3000	170	155	120	155	PXW1250FE
1600 A	3000	170	155	120	155	PXW1600FE
2000 A	3000	170	160	120	155	PXW2000FE
2500 A	3000	170	155	120	155	PXW2500FE
3200 A	3000	170	160	120	155	PXW3200FE
4000 A	3000	340	160 x2	120	155	PXW4000FE
5000 A	3000	340	155 x2	120	155	PXW5000FE
6300 A	3000	340	160 x2	120	155	PXW6300FE



ELEMENTO RETTILINEO DI DERIVAZIONE PER CASSETTE
STRAIGHT ELEMENT WITH OUTLETS FOR PLUG-IN BOXES
DISTRIBUTION LENGTH

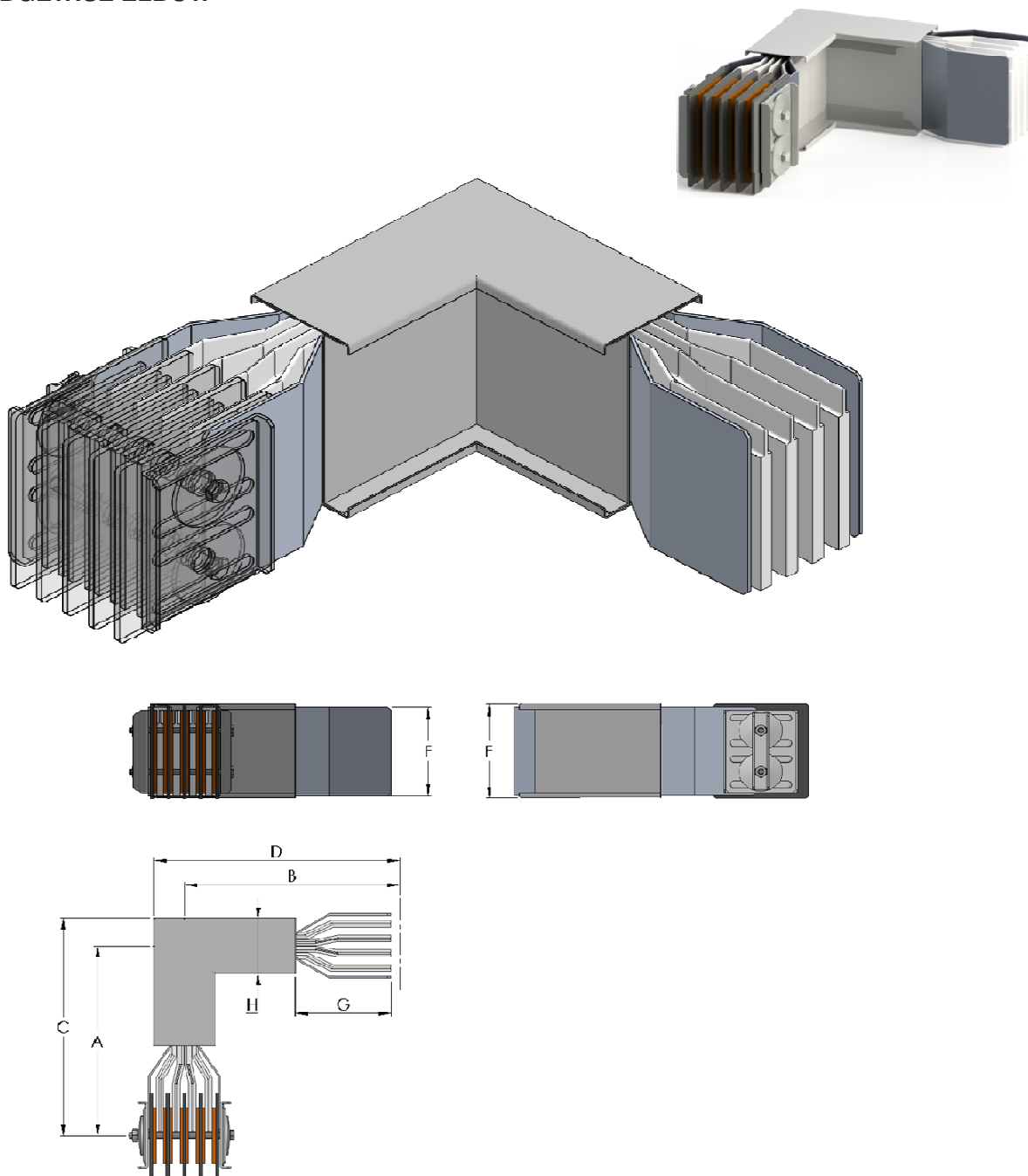


ATTENTION: MINIMUM LENGTH FOR PLUG-IN ELEMENT: 2000 mm

RANGE	DIMENSIONS (mm)					CODE
	A	B	C	D	E	
1250 A	3000	170	155	120	155	PXW1250PI
1600 A	3000	170	155	120	155	PXW1600PI
2000 A	3000	170	160	120	155	PXW2000PI
2500 A	3000	170	155	120	155	PXW2500PI
3200 A	3000	170	160	120	155	PXW3200PI
4000 A	3000	340	160 x2	120	155	PXW4000PI
5000 A	3000	340	155 x2	120	155	PXW5000PI
6300 A	3000	340	160 x2	120	155	PXW6300PI



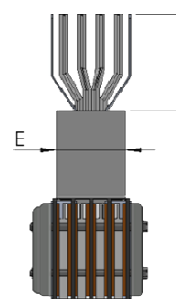
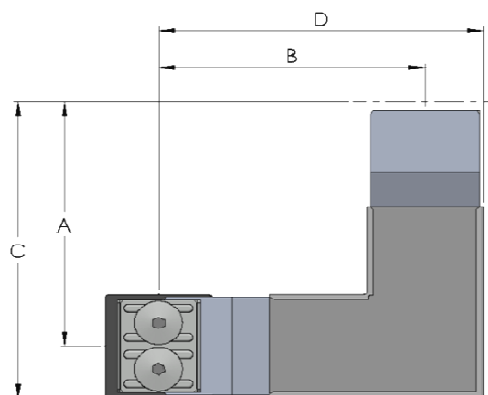
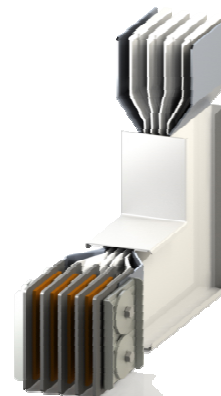
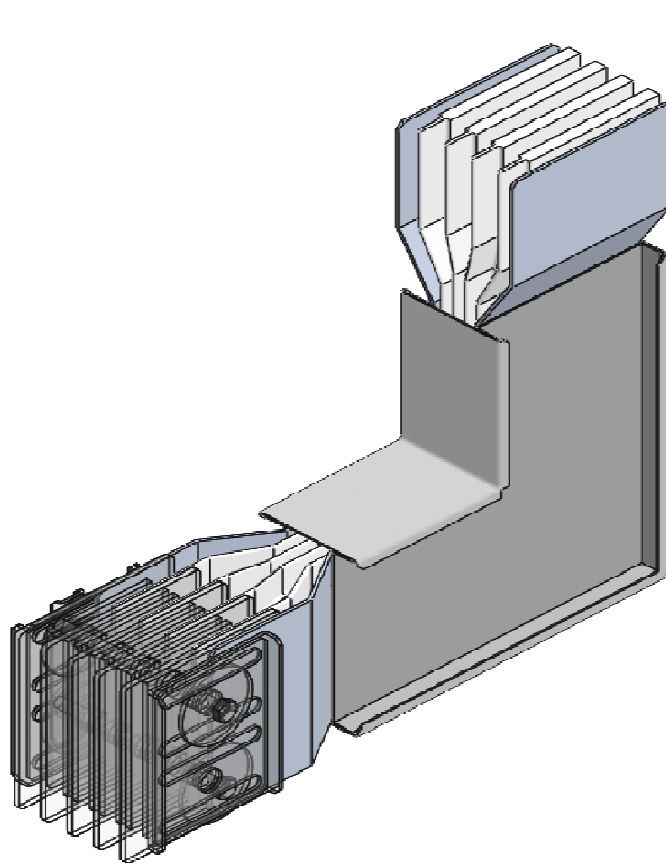
ANGOLO DIEDRO
DIHEDRAL ELBOW
EDGEWISE ELBOW



RANGE	DIMENSIONS (mm)								CODE
	A	B	C	D	E	F	G	H	
1250 A	360	360	420	420	170	155	155	120	PXWCD1250
1600 A	360	360	420	420	170	155	155	120	PXWCD1600
2000 A	360	360	420	420	170	160	155	120	PXWCD2000
2500 A	360	360	420	420	170	155	155	120	PXWCD2500
3200 A	360	360	420	420	170	160	155	120	PXWCD3200
4000 A	360	360	420	420	340	160 x2	155	120	PXWCD4000
5000 A	360	360	420	420	340	155 x2	155	120	PXWCD5000
6300 A	360	360	420	420	340	160 x2	155	120	PXWCD6300



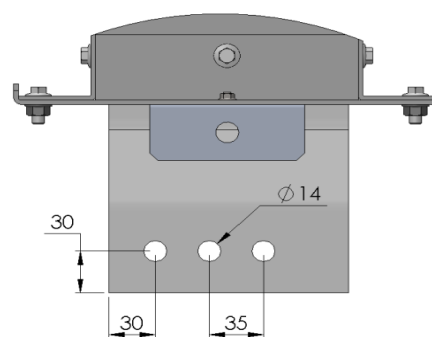
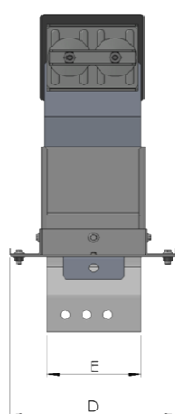
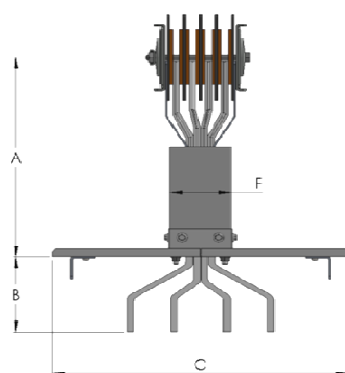
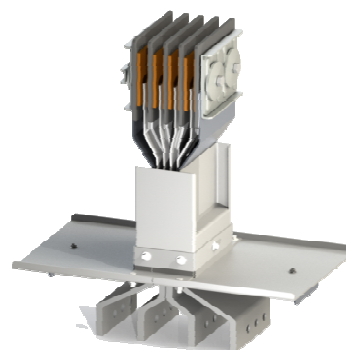
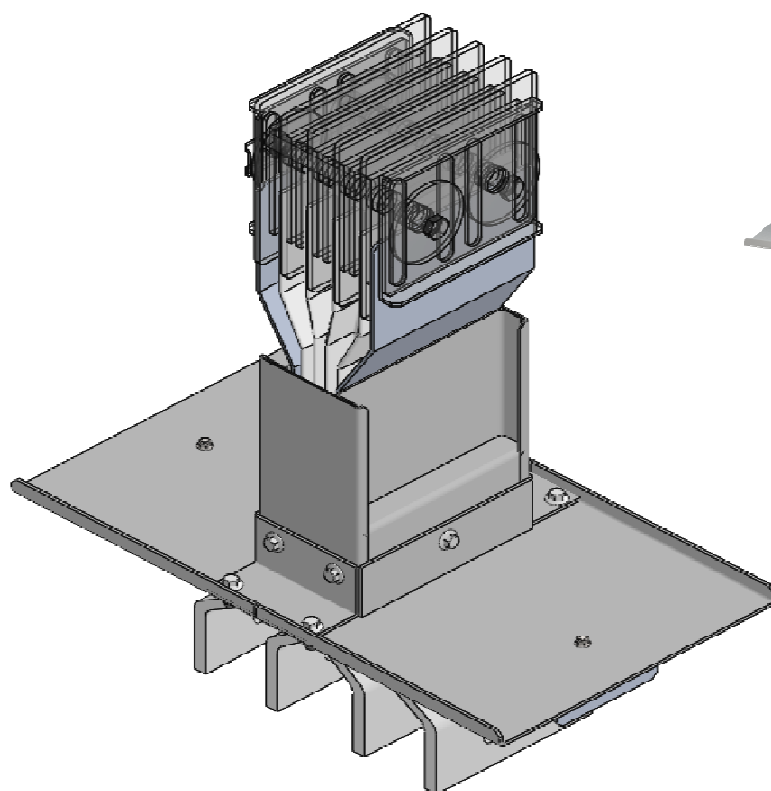
ANGOLO PIANO
FLAT ELBOW
FLATWISE ELBOW



RANGE	DIMENSIONS (mm)						CODE
	A	B	C	D	E	F	
1250 A	365	365	450	450	120	155	PXWCP1250
1600 A	365	365	450	450	120	155	PXWCP1600
2000 A	365	365	450	450	120	155	PXWCP2000
2500 A	365	365	450	450	120	155	PXWCP2500
3200 A	365	365	450	450	120	155	PXWCP3200
4000 A	440	440	620	620	120	155	PXWCP4000
5000 A	440	440	620	620	120	155	PXWCP5000
6300 A	440	440	620	620	120	155	PXWCP6300



ELEMENTO PER DISCESE AL QUADRO
SWITCHBOARD FEED ELEMENT
PANEL FLANGE

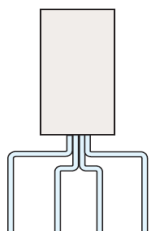


RANGE	DIMENSIONS (mm)						CODE
	A	B	C	D	E	F	
1250 A	370	130	500	300	155	120	PXWAT1250
1600 A	370	130	500	300	155	120	PXWAT1600
2000 A	370	130	500	300	160	120	PXWAT2000
2500 A	370	130	500	300	155	120	PXWAT2500
3200 A	370	130	500	300	160	120	PXWAT3200
4000 A	370	130	500	470	160 x2	120	PXWAT4000
5000 A	370	130	500	470	155 x2	120	PXWAT5000
6300 A	370	130	500	470	160 x2	120	PXWAT6300

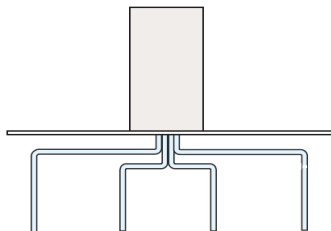


CONFIGURAZIONE PER DISCESE AL QUADRO SWITCHBOARD FEED ELEMENT CONFIGURATION PANEL FLANGE CONFIGURATION

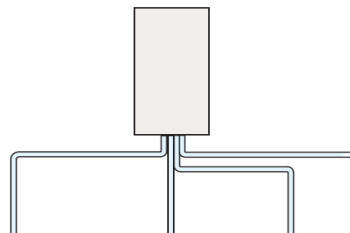
VERSIONE STANDARD
STANDARD VERSION



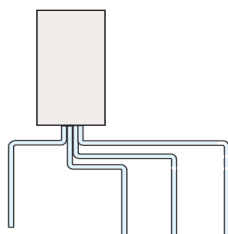
SPECIALE 1
SPECIAL 1



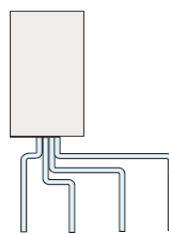
SPECIALE 2
SPECIAL 2



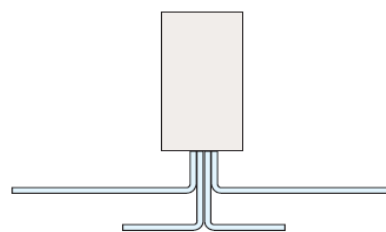
SPECIALE 3
SPECIAL 3



SPECIALE 4
SPECIAL 4



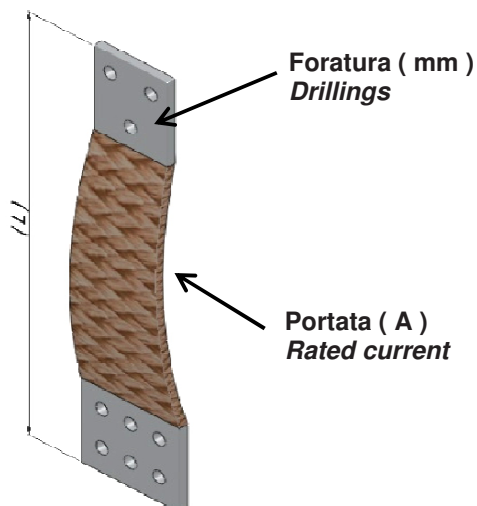
SPECIALE 5
SPECIAL 5



CONNESSIONI VERSO I TRASFORMATORI TRANSFORMER CONNECTIONS

Dimensioni e
portata a
richiesta

*Dimensions and
rated current on
request*

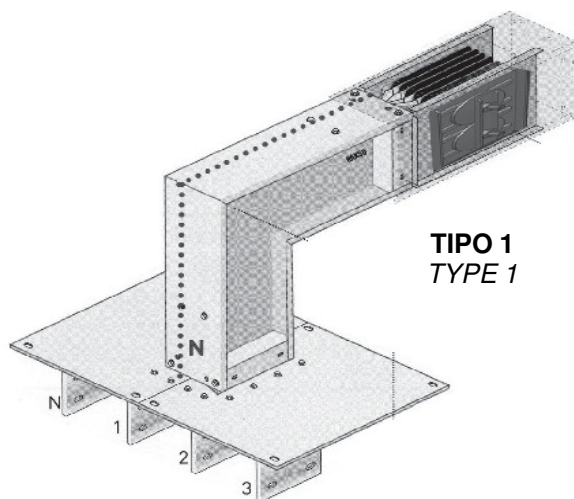


Bandelle flessibili per la
connessione al
trasformatore realizzate
in trecce di rame.

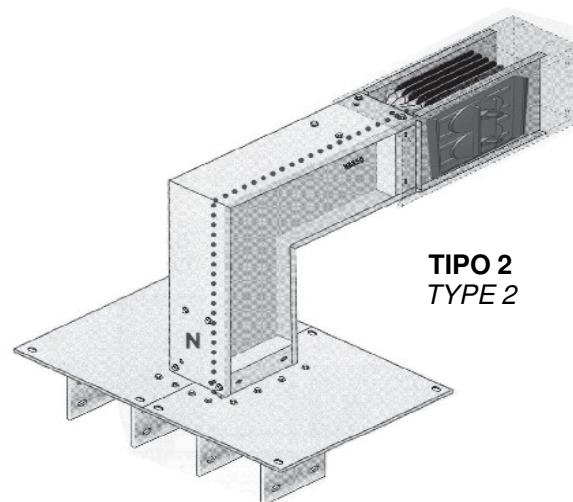
*Flexible braids for
transformer connection.
They are manufactured
in Copper.*



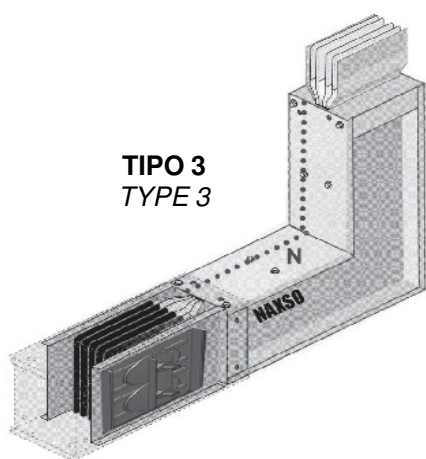
ELEMENTI SPECIALI
SPECIAL ELEMENTS



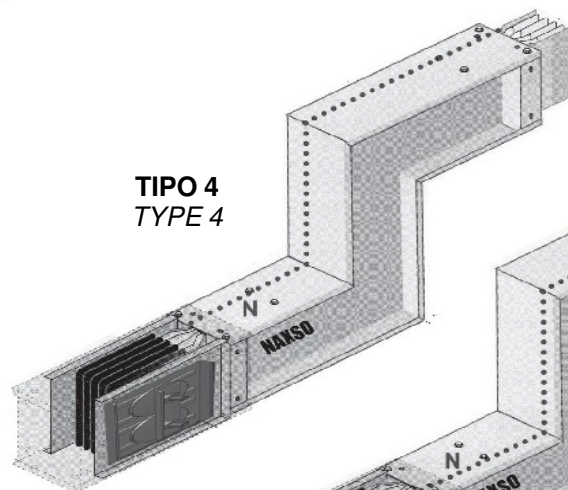
TIPO 1
TYPE 1



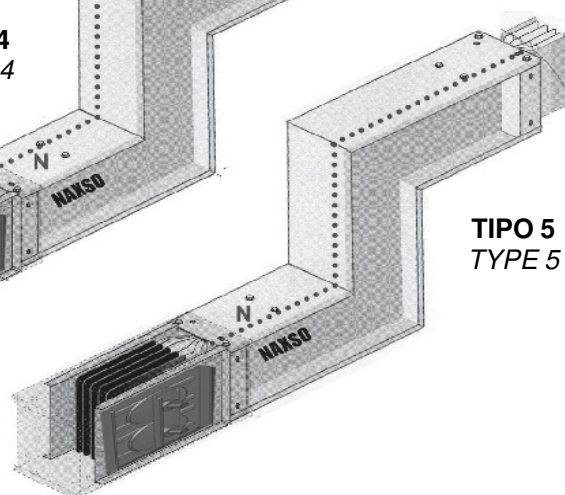
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TYPE 2



TIPO 3
TYPE 3



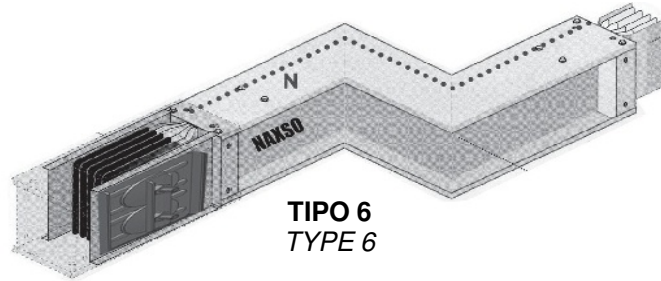
TIPO 4
TYPE 4



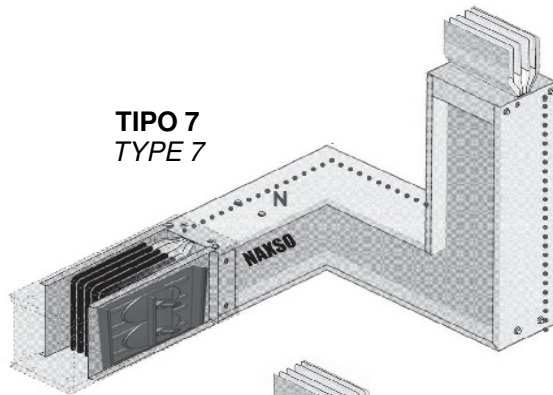
TIPO 5
TYPE 5



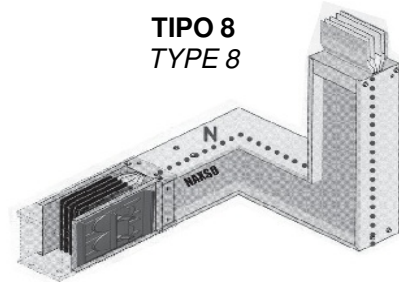
ELEMENTI SPECIALI
SPECIAL ELEMENTS



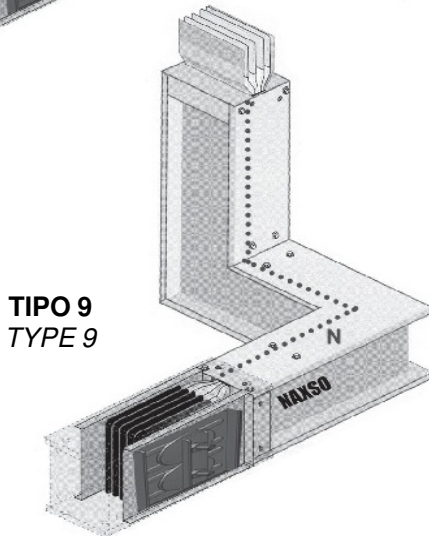
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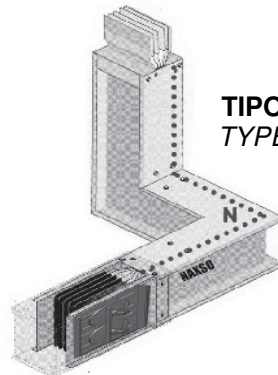
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TYPE 7



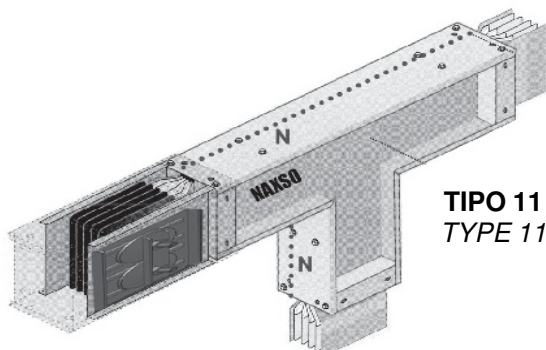
TIPO 8
TYPE 8



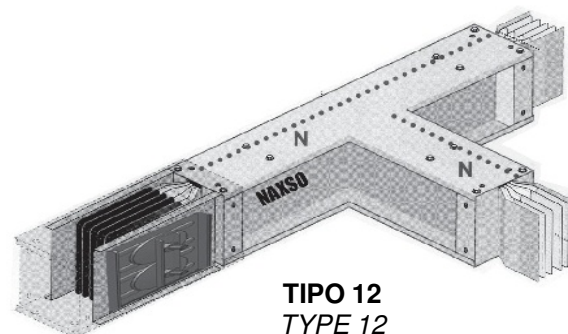
TIPO 9
TYPE 9



TIPO 10
TYPE 10



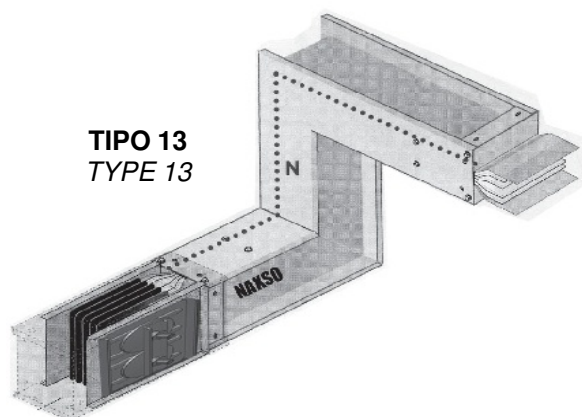
TIPO 11
TYPE 11



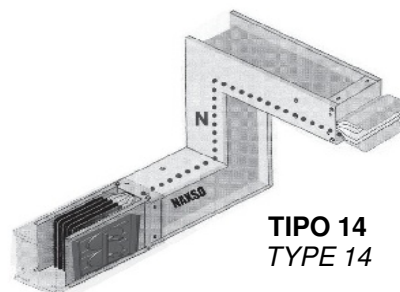
TIPO 12
TYPE 12



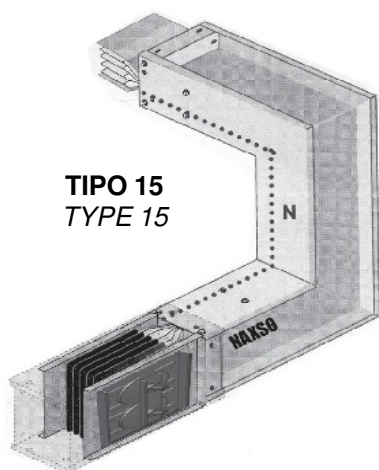
ELEMENTI SPECIALI
SPECIAL ELEMENTS



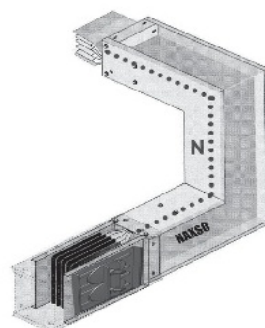
TIPO 13
TYPE 13



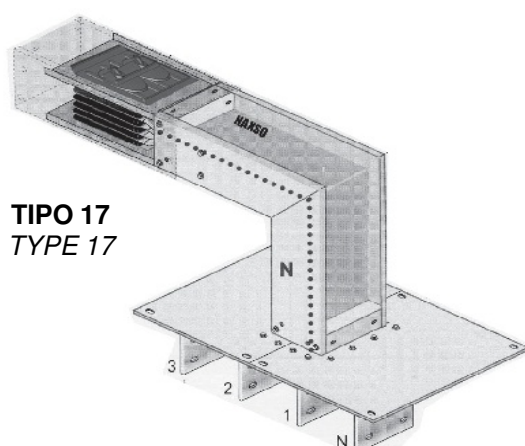
TIPO 14
TYPE 14



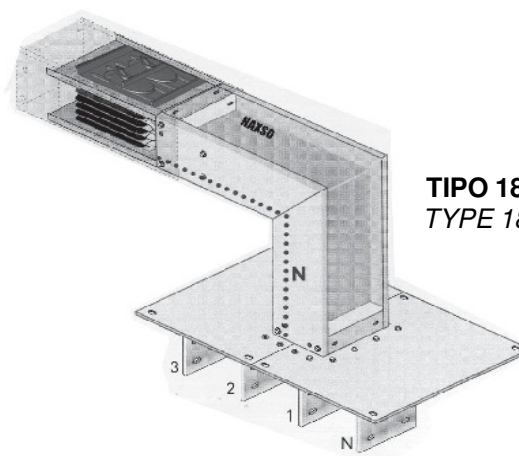
TIPO 15
TYPE 15



TIPO 16
TYPE 16



TIPO 17
TYPE 17

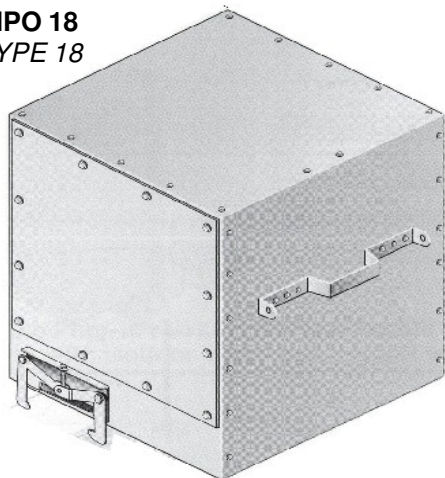


TIPO 18
TYPE 18

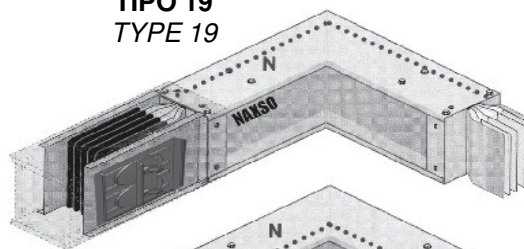


ELEMENTI SPECIALI SPECIAL ELEMENTS

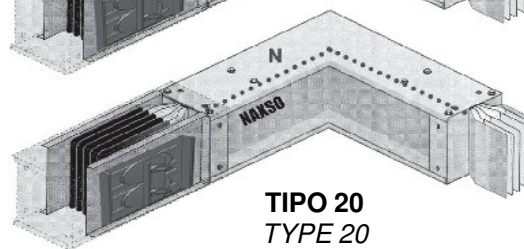
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TYPE 18



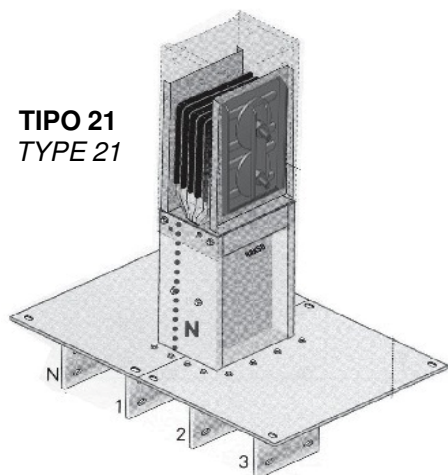
TIPO 19
TYPE 19



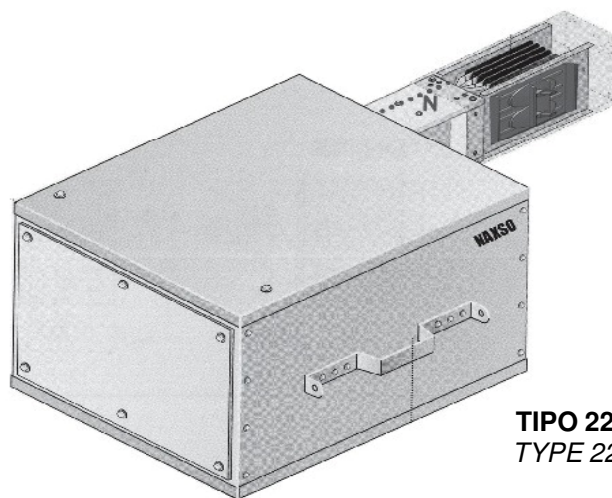
TIPO 20
TYPE 20



TIPO 21
TYPE 21



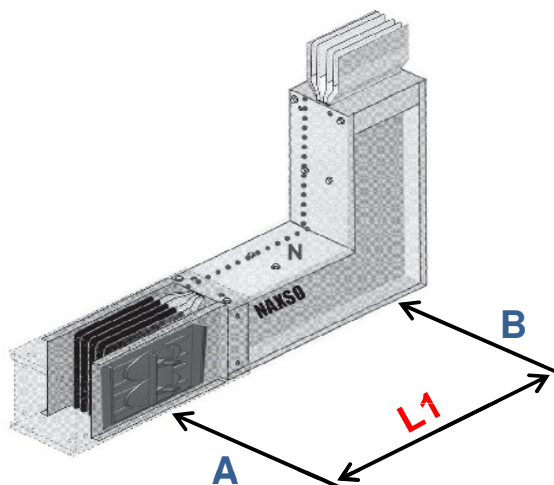
TIPO 22
TYPE 22

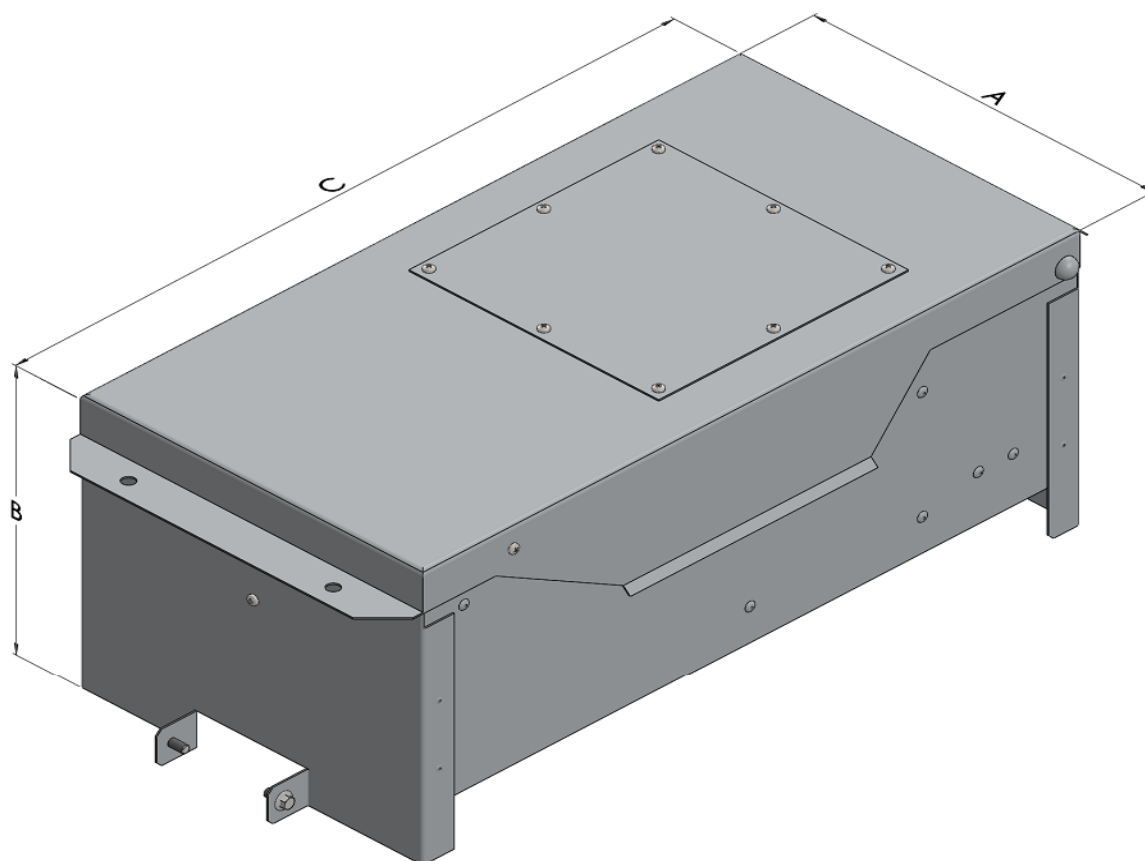


ESEMPIO DI RILEVAZIONE LUNGHEZZA IN UN ELEMENTO SPECIALE EXAMPLE TO CALCULATE THE SPECIAL LENGTH OF ELEMENT

Per calcolare **L1** (lunghezza speciale) bisogna rilevare la lunghezza dal punto **A** (centro del giunto) al punto **B** (centro del blindo).

For calculate **L1** (special length) measure the length from point **A** (center of the joint) to point **B** (center of the busbar).



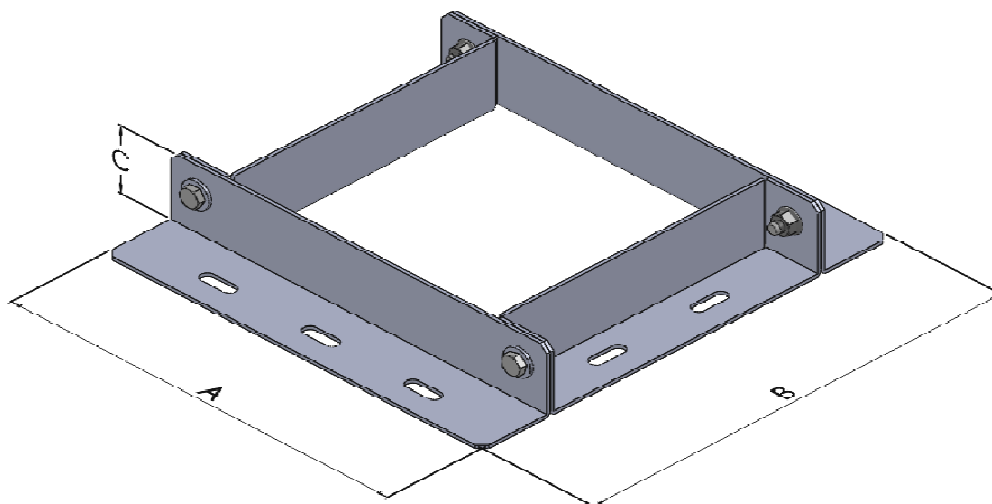

CASSETTA DI DERIVAZIONE
TAP-OFF BOX


ATTENTION: NOT USE ABSOLUTLY CIRCUIT BREAKER CHINESE MCB OR MCCB

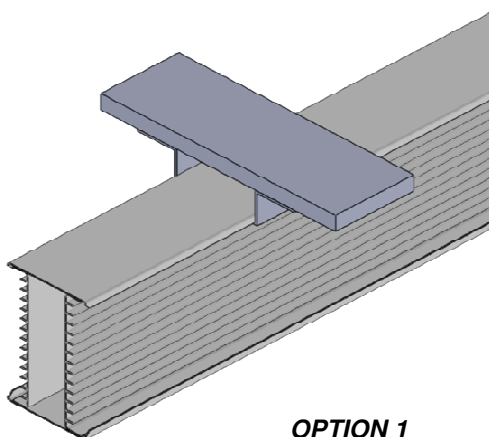
RANGE	DIMENSIONS (mm)			CODE
	A	B	C	
50 A	240	160	460	STAR50PXW
100 A	240	160	460	STAR100PXW
160 A	240	160	460	STAR160PXW
250 A	300	200	700	STAR250DMPXW
400 A	300	200	700	STAR400DMPXW
630 A	300	200	700	STAR630DMPXWJ
800 A	300	200	700	STAR800DMPXWJ
1000 A	300	200	700	STAR1000DMPXWJ



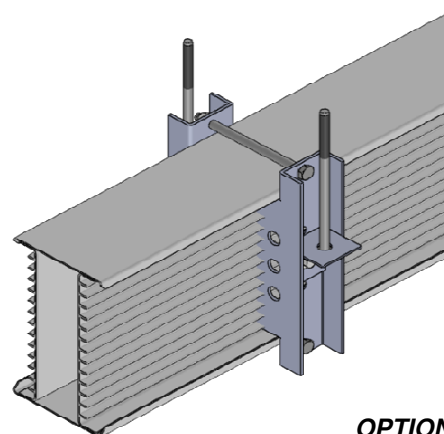
STAFFE DI SOSPENSIONE HANGER



ON REQUEST



OPTION 1

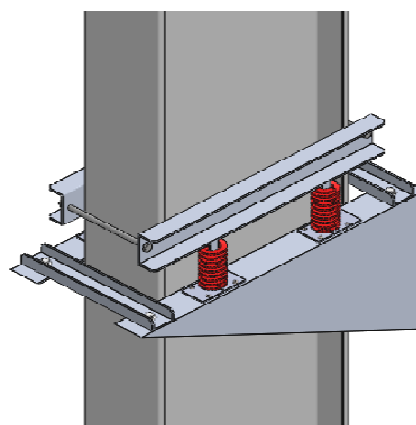
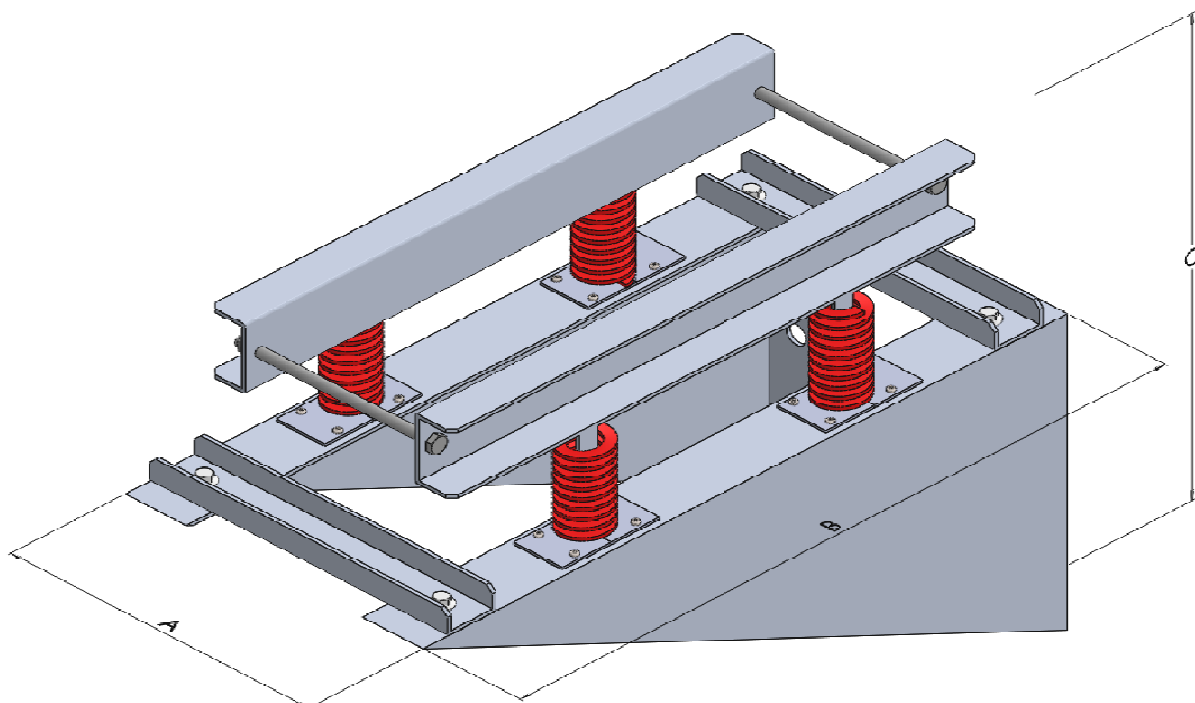


OPTION 2

RANGE	DIMENSIONS (mm)			CODE
	A	B	C	
1250 A	220	270	50	PXWATST1250
1600 A	220	270	50	PXWATST1600
2000 A	220	270	50	PXWATST2000
2500 A	220	270	50	PXWATST2500
3200 A	220	270	50	PXWATST3200
4000 A	220	440	50	PXWATST4000
5000 A	220	440	50	PXWATST5000
6300 A	220	440	50	PXWATST6300



STAFFE PER ELEMENTI IN VERTICALE
VERTICAL HANGER



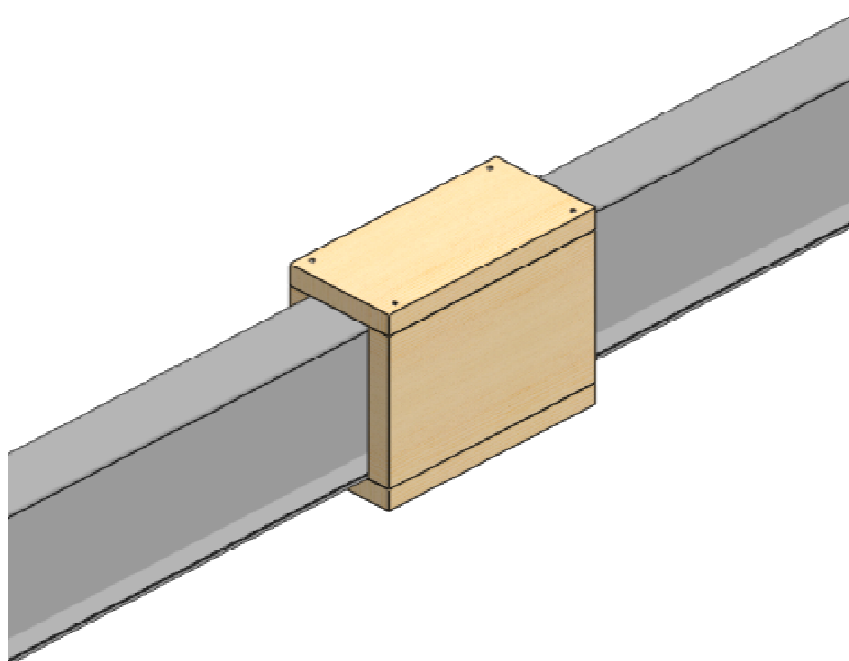
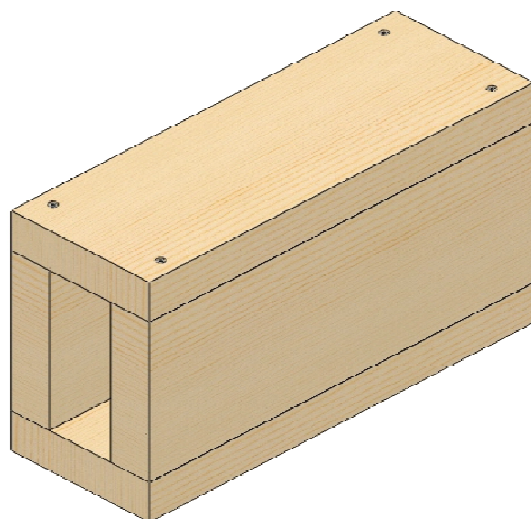
RANGE	DIMENSIONS (mm)			CODE
	A	B	C	
1250 A	220	300	450	PXWVB1250
1600 A	220	300	450	PXWVB1600
2000 A	220	300	450	PXWVB2000
2500 A	220	300	450	PXWVB2500
3200 A	220	300	450	PXWVB3200
4000 A	220	480	450	PXWVB4000
5000 A	220	480	450	PXWVB5000
6300 A	220	480	450	PXWVB6300



BARRIERA TAGLIAFUOCO
FIRE BARRIER

**Dimensioni a
richiesta**

***Dimensions on
request***

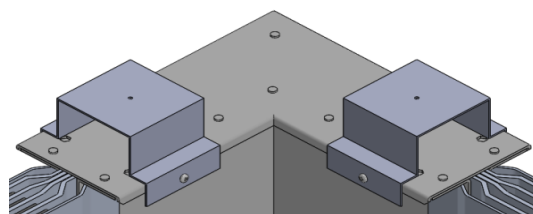
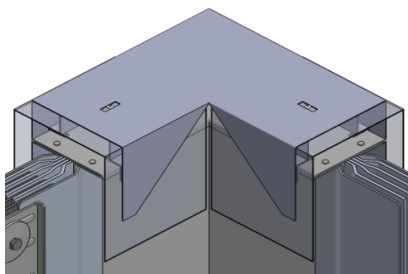
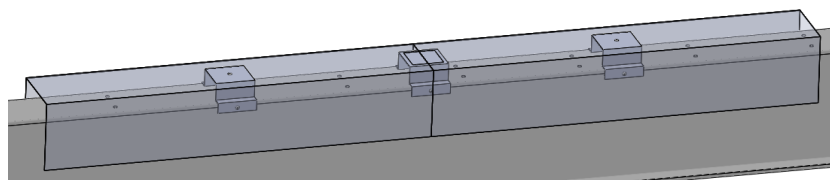
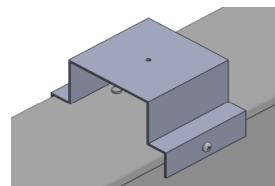
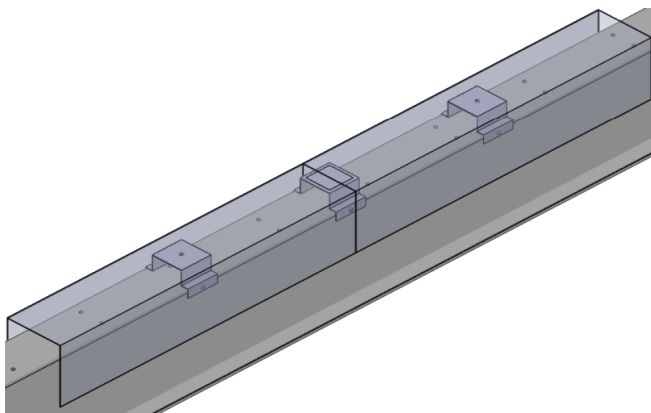
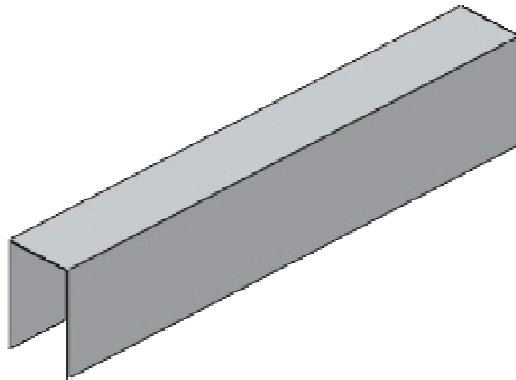




ACCESSORIO PROTEZIONE DI COPERTURA
ADDITIONAL PROTECTIVE CANOPY

**Dimensioni a
richiesta**

***Dimensions on
request***



CONDUCTORS CROSS SECTION mm²**BUSBAR****ALUMINIUM****COPPER****LIGHTING (BA)****25A**

ONLY IN COPPER

2,5

40A

ONLY IN COPPER

6

63A

ONLY IN COPPER

6,7

POWER (BP)**40A**

36

15

63A

40

18

100A

45

40

160A

65

60

250A

120

70

POWER (BPG)**250A**

216

75

400A

271

100

630A

379

165

800A

515

220

1000A

665

330

1250A

ONLY IN COPPER

440

POWERSANDWICH (PXW)**1250A**

850

450

1600A

1104

600

2000A

1354

750

2500A

1577

960

3200A

1827

600 x2

4000A

1354 x2

750 x2

5000A

1577 x2

960 x2

6300A

1827 x2

ONLY IN ALUMINIUM


NAXSO

 Technical Characteristics
Aluminium Conductor (Al)

Rated Current	I _n	A	1250A	1600A	2000A	2500A	3200A	4000A	5000A	6300A
Busbar Code			PXW1250FE	PXW1600FE	PXW2000FE	PXW2500FE	PXW3200FE	PXW4000FE	PXW5000FE	PXW6300FE
Standards	IEC 61439-6									
Rated Insulation Voltage	U _i	V	1000	1000	1000	1000	1000	1000	1000	1000
Rated Operational Voltage	U _e	V	1000	1000	1000	1000	1000	1000	1000	1000
Rated Frequency	f	Hz	50 / 60	50 / 60	50 / 60	50 / 60	50 / 60	50 / 60	50 / 60	50 / 60
Protection Degree	IP		55	55	55	55	55	55	55	55
Housing Material	1,50 mm aluminium									
Short-circuit (I sec)	I _{ew}	kA _{rms}	80	80	80	80	80	80	80	80
Conductor Insulation	MYLAR FILM		CLASS F	CLASS F	CLASS F	CLASS F	CLASS F	CLASS F	CLASS F	CLASS F
Joint Insulation	POLIAMIDE		CLASS F	CLASS F	CLASS F	CLASS F	CLASS F	CLASS F	CLASS F	CLASS F
L1, L2, L3, N		mm ²	850	1104	1354	1577	1827	1354 x2	1577 x2	1827 x2
Housing Cross Section (Sheet Metal)		mm ²	1000	1000	1000	2000	2000	2000	2000	2000
Conductor Size		mm x mm	11x155	11x155	11x160	11x155	11x160	11x160 x2	11x155 x2	11x160 x2

TAB A - POLYAMIDE 66 GLASS FILLED 30%

- POLIAMMIDE 66 FIBRA VETRO 30%

PROPERTY PROPRIETA'	METHODS METODI	UNITS UNITA'	VALUES VALORI
DENSITY / DENSITA'	ASTM D792	Mg/mc	1,50
Reinforcing material <i>Contenuto di carica/rinforzo</i>	Internal / Interno	%	50
Mould shrinkage <i>Ritiro lineare allo stampaggio</i>	ASTM D955	%	0,10 - 0,25
Water absorption <i>Assorbimento d'acqua 24h a 23°C</i>	ASTM D570	%	0,5
MECHANICAL / MECCANICHE			
Elongation break <i>Allungamento a rottura</i>	ASTM D638	%	2
Flexsural modulus	ASTM D790	N/mm ²	1500
Impact strength <i>Izod-Urto con intaglio</i>	ASTM D256	J/m	150
Flex strenght	ASTM D790	N/mm ²	300
Textile yield <i>Carico di snervamento a trazione</i>	ASTM D638	Mn/m ²	220
Rockwell hardness <i>Durezza rockwell</i>	ASTM D785	scala R	122
Textile yeld	ASTM D790	Mn/m ²	315
THERMAL / TERMICHE			
Melting temperature <i>Temperatura di fusione</i>	ASTM D792	°C	258 2
Softening point <i>Punto di rammollimento VICAT</i>	ASTM D1525	°C	255
	MN/m ² 0,45	ASTM D648	°C
	MN/m ² 1,81	ASTM D648	°C
ELECTRICAL / ELETTRICHE			
Glow wire	IEC 695-2-1	°C	850
Flame reactivity	Second / Secondo U.L.94	#3,2	Uo

TAB B - POLYPROPYLENE GLASS FILLED 30% NATURAL - POLIPOPRILENE FIBRA VETRO 30% NATURALE

PROPERTY PROPRIETA'	METHODS METODI		UNITS UNITA'	VALUES VALORI
Melt index <i>Indice di fusione</i>	ASTM D1238		gr/10	7
Moisture content <i>Umidità</i>	ISO 15512C		%	
Volume <i>Massa volumica</i>	Internal / Interno		gr/cm ³	1,14
Powder ashes <i>Ceneri 30/750 °C</i>	Internal / Interno		%	29,5
Resistance <i>Resistenza Izcd con intaglio</i>	+23 °C	ASTN D256	J/m	72
	0° C	ASTN D256	J/m	
	-20 °C	ASTN D256	J/m	
Reduction <i>Ritiro lineare allo stampaggio</i>	Internal / Interno		%	
Melting point <i>Punto di rammollimento VICAT</i>	9,8 N	ASTN M1525	°C	105
	49 N	ASTN M1525	°C	
Temperature of deflexion under stress <i>Temperatura di deflessione sotto carico</i>	46 N/cm ²	ASTM D648	°C	
	1,82 N/mm ²	ASTM D648	°C	

TAB E - ALUMINIUM - ALLUMINIO EN AW-A199.5 UNI EN 573-3 (1050A)

PROPERTY PROPRIETA'	UNITS UNITA'	VALUES VALORI
Peso specifico	Kg/dm ³	2,7
Modulo di elasticità	N/mm ²	68600
Modulo di rigidità	N/mm ²	26500
Punto di fusione	°C	658
Calore specifico 0 - 100 °C	cal/g °C ⁻¹	0,22
Coefficiente di dilatazione teorico lineare 20 - 100	24 x 10 ⁻⁶ x K ⁻¹	
Conducibilità termica 20 °C	(s x cm x °C)	0,5 cal
Resistance at 20 °C (T6) Resistenza a 20 °C (T6)	μ Ω x cm	2,83 ÷ 2,90

CHEMICAL COMPOSITION PERCENTAGE *COMPOSIZIONE CHIMICA PERCENTUALE*

Si	Fe	Cu	Mn	Mg	Zn	Ti	Other impurity Altre impurità	AL
0,25	0,40	0,05	0,05	0,05	0,07	0,05	0,03	99,5

BARRA ESTRUSA

Stato metallurgico	Dimensioni (mm)		Carico di rottura a trazione		Carico al limite snervamento		Allungamento	
	D ¹⁾	S ²⁾	Min.	Max.	Min.	Max.	Min.	Min.
F ⁴⁾ , H112	tutte	tutte	60 R ^m MPa	-	20 R ^{p0,2} MPa	-	25 A%	23 A ^{50mm} %
O, H111	tutte	tutte	60 R ^m MPa	95 R ^m MPa	20 R ^{p0,2} MPa	-	25 A%	23 A ^{50mm} %

TUBO ESTRUSO

Stato metallurgico	Dimensioni (mm)		Carico di rottura a trazione		Carico al limite snervamento		Allungamento	
	D ¹⁾	S ²⁾	Min.	Max.	Min.	Max.	Min.	Min.
F ⁴⁾ , H112	tutte	tutte	60 R ^m MPa	-	20 R ^{p0,2} MPa	-	25 A%	23 A ^{50mm} %
O, H111	tutte	tutte	60 R ^m MPa	95 R ^m MPa	20 R ^{p0,2} MPa	-	25 A%	23 A ^{50mm} %

TUBO ESTRUSO

Stato metallurgico	Dimensioni (mm)		carico di rottura a trazione		Carico al limite snervamento		Allungamento	
	D ¹⁾	S ²⁾	Min.	Max.	Min.	Max.	Min.	Min.
F ⁴⁾ , H112	tutte	tutte	60 R ^m MPa	-	20 R ^{p0,2} MPa	-	25 A%	23 A ^{50mm} %

IMQ Test Report nr. 01FB00026/3

PRODUCT DEPARTMENT LABORATORY INSULATED CABLES AND ADHESIVE TAPES PAGE: 1 OF 3 DATE 2008/06/12

MEASUREMENT OF FORCE NEEDED TO PULL OUT THE CABLE FROM PLUG TYPE MOUSE

Number of samples under test 3

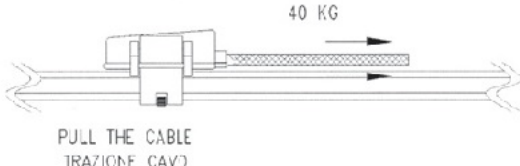
Test operating mode

- The cable has been connected to the fix end of dynamometer while the plug to the mobile end of same apparatus.
- A traction force, with 50 mm/sec speed, is applied to the plug until the disjunction of cable occurs.

Test Apparatus Dynamometer INSTRON type 4301 - IMQ_ID: P 00470

Test Configuration See Figure

PULL OUT TEST



Test Results The disjunction of electric cable from mouse plug has happened as soon as the force has got the value of 40 Kg

IMQ Test Report nr. 01FB00026/3

PRODUCT DEPARTMENT LABORATORY INSULATED CABLES AND ADHESIVE TAPES PAGE: 2 OF 3 DATE 2008/06/12

MEASUREMENT OF FORCE NEEDED TO PULL OUT THE CABLE FROM RECTILINEAR BUSBAR

Number of samples under test 3

Test operating mode

- The Aluminium rectilinear busbar has been connected to the fix end of dynamometer while the plug to the mobile end of same apparatus.
- A traction force, with 50 mm/sec speed, is applied to the plug until disjunction of cable verifies.
- The assembly of security springs among plug clips has been intentionally omitted.

Test Apparatus Dynamometer INSTRON type 4301 - IMQ_ID: P 00470

Test Configuration See Figure

PULL OUT TEST



Test Results The disjunction of electric cable from bar has happened as soon as force has got the value of 10 Kg. The breakage of one of two clips occurred.

IMQ Test Report nr. 01FB00026/3

PRODUCT DEPARTMENT LABORATORY INSULATED CABLES AND ADHESIVE TAPES PAGE: 3 OF 3 DATE 2008/06/12

MEASUREMENT OF FORCE NEEDED TO PULL OUT THE PLUG FROM RECTILINEAR BUSBAR

Number of samples under test 3

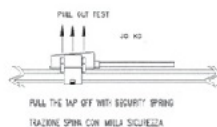
Test operating mode

- The Aluminium rectilinear busbar has been connected to the fix end of dynamometer while the plug to the mobile end of same apparatus.
- A traction force, with 50 mm/sec speed, is applied to the plug until the disjunction of cable verifies.
- During this test, the plug has been connected to bar, as requested from manufacturer, by a security spring placed among plug clips.

Test Apparatus Dynamometer INSTRON type 4301 - IMQ_ID: P 00470

Test Configuration See Figure

PULL OUT TEST



Test Results The disjunction of plug from bar has happened as soon as the force has got the value of 30 Kg due to breakage of two clips and disjunction of security spring

IMQ Test Report nr. 01SB00114

PRODUCT DEPARTMENT LABORATORY INSULATED CABLES AND ADHESIVE TAPES PAGE: 1 OF 4 DATE 2008/06/12

Product Aluminium cable trunking with and without protective coating

Model type --

Description

- Sample in sennzimir plate
- Sample in aluminium of rectangular section
- Sample in aluminium anodized of rectangular section

Applicant NAXSO S.r.l. - Via Quarello, 43 - 10135 TORINO

Manufacturer NAXSO S.r.l. - Via Quarello, 43 - 10135 TORINO

Test carried out by IMQ S.p.A. - Laboratorio cavi isolanti nastri adesivi Via Quintiliano, 43 - 20138 Milano

Scope of the test To assess the resistance to the corrosion in salt mist atmosphere

Date of samples receiving 2002/02/05

Date of tests start 2002/02/11 Date of tests end 2002/03/27

This test report is composed 4 pages, divided as follows:
by 4 report pages

Cable Testing Lab Technician A. Sidoti Cable Testing Lab Head B. Testa

The results referred in this report are only relevant to the samples tested and described in this report. Only complete reproduction of this test report is permitted without written authorisation of IMQ.

IMQ S.p.A. - Via Quintiliano 43 - 20138 MILANO



Misty test is provided to compare different kind of surface protections. The test is runned putting in the same humid and salty room for 96 hours different materials and at the end a visual check is required to describe the results. It is possible to see how the standard aluminium can stand the humidity with some little rusty stains as well as the anodized one is strong and excellent when the housing is under hard conditions and at the end how standard steel even if galvanized have a very poor resistance against humidity.

La prova suddetta dimostra la resistenza del prodotto all'aggressione derivante dalla esposizione alla umidità in un clima salino corrosivo per una durata di 96 ore (primo ciclo) e 288 ore (secondo ciclo). Dopo questi test i prodotti non devono presentare danneggiamenti significativi.

Dalla foto riportata dal test eseguito presso l'IMQ si vede il risultato comparativo, come previsto dalla norma, tra un campione di materiale sendzimir, un campione di alluminio standard NAXSOLUX ed uno anodizzato.

Il campione in metallo dopo la prova è completamente corrosivo mentre quello in alluminio standard è appena intaccato da macchie superficiali ed infine quello in alluminio anodizzato è risultato completamente indifferente all'aggressione della nebbia salina.

DECLARATION OF EC CONFORMITY
DICHIARAZIONE DI CONFORMITÀ

No. TL/Prot20209

The product / Prodotto**Type reference / Sigla prodotto**Naxsolux 25A - 40A - 63A
Serie BA**Supplier / Fornitore**

Naxso Srl 10135 TORINO (I)

Description / Descrizione**Light Busbar trunking system**
*Condotto barre prefabbricato***To which this declaration relates is in conformity with the following standard:***L'oggetto di questa dichiarazione è conforme ai seguenti standard o normative:***Standard / Norme:**CEI 17/13-1-2
CEI EN 61439
CEI EN 61000-2-4 (CEI 110-27)
DIN VDE 0660 parte 500-502
CEI EN 60068-2-11:2000 Class
CEI 104-17-F.5890**Type tests / Prove di Tipo**

1. Temperature-rise limits
2. Dielectric properties
3. Short-circuit strength
4. Effectiveness of the protective circuit
5. Clearances and creepage distances
6. Mechanical operation
7. Degree of protection
8. Electrical characteristics
9. Structural strength
10. Crushing resistance
11. Resistance to flame propagation
12. Fire barrier in building penetration

1. Tenuta alla tensione applicata
2. Limiti di sovratemperatura
3. Efficienza del circuito di protezione
4. Tenuta al cortocircuito
5. Cablaggio, funzionamento elettrico
6. Grado di protezione
7. Funzionamento
8. Distanze in aria e superficiali
9. Isolamento
10. Resistenza di isolamento
11. Misure di protezione
12. Barriera tagliafuoco

Date of issue / Data
15/05/2018

NAXSO S.r.l.



DECLARATION OF EC CONFORMITY
*DICHIARAZIONE DI CONFORMITÀ***No. TL/Prot20210****The product / Prodotto****Type reference / Sigla prodotto**Naxsopower BP 40A - 63A - 100A - 160A
Naxsopower BPG 250A - 400A - 630A**Supplier / Fornitore**

Naxso Srl 10135 TORINO (I)

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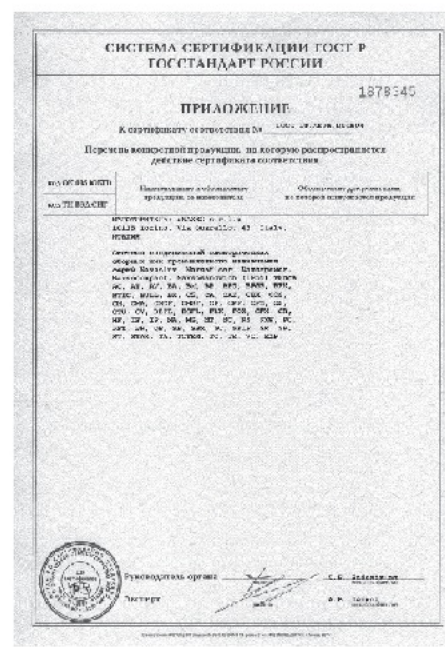
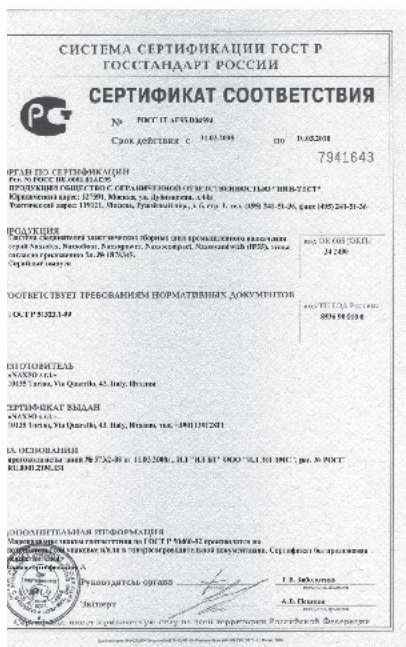
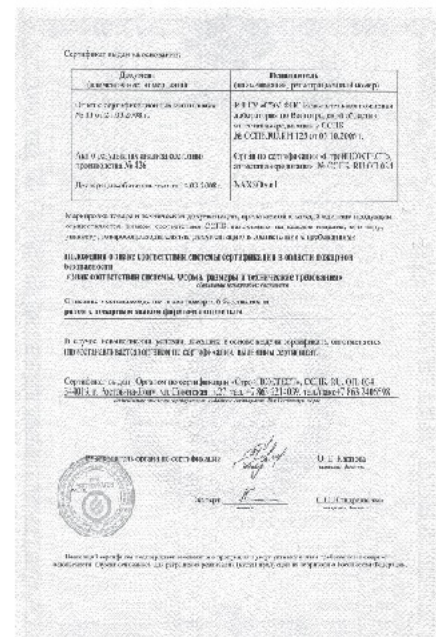
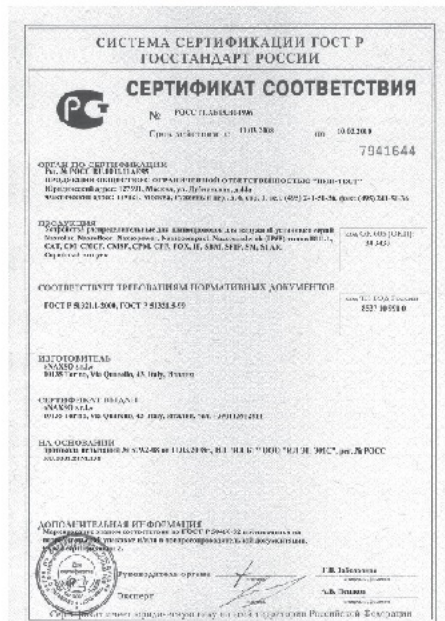
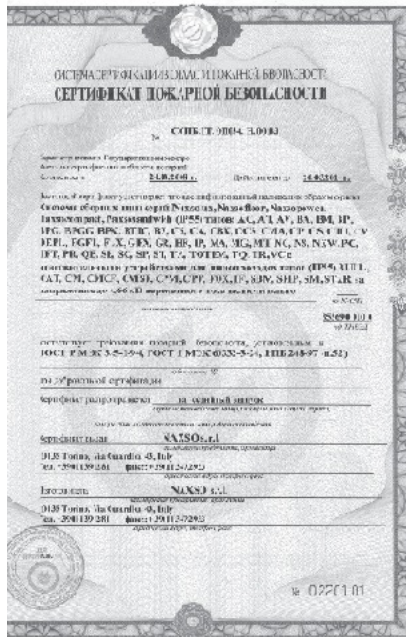
Date of issue / Data
15/05/2018

NAXSO S.r.l.





GOST CERTIFICATION



NAXSOS/ANIX/ICN