LINE HERCULES

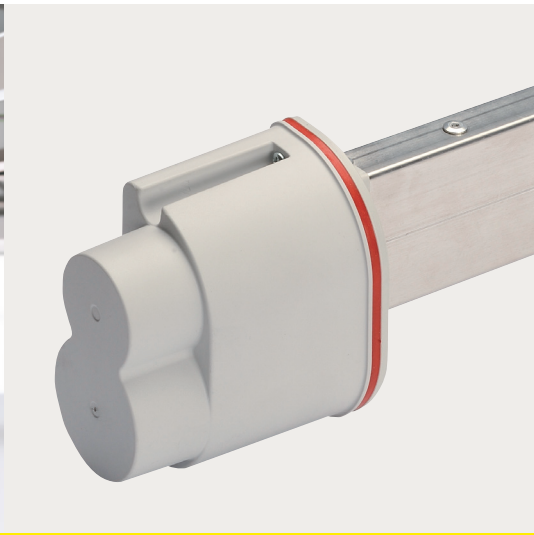
edizione 3 edition
Rev. 1

Lightech Catalogue

Low power busbar from 25 to 40A

Catalogo Lightech

Condotti sbarre per piccola potenza da 25 a 40A



DKC

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Condotti sbarre 25-40A

Characteristics of products
Caratteristiche dei prodotti

Textile industry
Industria Tessile

The LIGHTECH busbar series is particularly suitable where there is a need to transport or distribute low-power electric current in industrial, commercial and tertiary establishments, finding its main use in the lighting field thanks also to lighting management by exploiting the DALI protocol.

The LIGHTECH busbar trunking, compliant with the IEC 61439-6 standards, is offered for 25A and 40A rated currents, both with copper conductors; the standard version is not painted but it can be painted according to customer specifications.

Il condotto sbarre della serie LIGHTECH è particolarmente indicato dove vi è la necessità di trasporto o distribuzione della corrente elettrica di piccola potenza negli insediamenti industriali, commerciali e nel terziario trovando il suo uso principale nel campo dell'illuminazione grazie anche alla gestione dell'illuminazione sfruttando il protocollo DALI.

Il condotto sbarre LIGHTECH, conforme alle normative IEC 61439-6, è offerto per correnti nominali da 25A e da 40A entrambe con conduttori in rame; nella versione standard non è verniciato ma può essere eseguita la verniciatura su specifica del cliente.

Shopping mall
Centri commerciali

Advantages

- High mechanical resistance
- Reduction in weight
- Resistance to corrosion
- Easy and fast installation, no necessary special tools
- Possibility to move the position of plug-in by opening and closing the outlet without any extra accessories

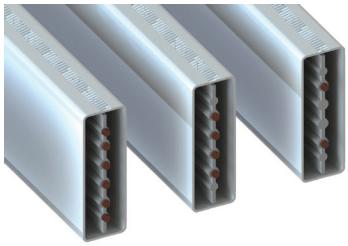
Vantaggi

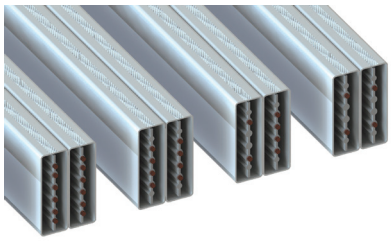
- Alta resistenza meccanica
- Peso ridotto
- Alta resistenza alla corrosione
- Installazione facile e veloce senza l'ausilio di speciali utensili
- Possibilità di spostare le spine aprendo e chiudendo le prese di derivazione senza l'ausilio di accessori extra

Car parking
Parcheggi auto

Busbar 25-40A
Condotti sbarre 25-40A

Technical Data
Caratteristiche tecniche





The LIGHTECH busbar is composed by an external structure (the casing, also used as protective conductor) in extruded aluminum and a series of co-extruded copper wires (conductors) in a sheath of thermoplastic material “halogen free”, self-extinguishing duly installed inside the casing. The quality of the materials used, makes the LIGHTECH busbar duct particularly suitable for installation in aggressive environment. The conductors are made in pure copper ETP 99.9. The casing in extruded aluminum alloy guarantees weight loss compared to busbar trunking made of galvanized metal sheet housings. Used primarily for the distribution of electricity, the element includes the junction plugs on 1 single side. In the case of the “Double” busduct, the sockets are on both sides. The electrical and mechanical connection between two straight elements is guaranteed by a coupling joint with pre-assembled coupling. The external case, in raw aluminum, can be painted with dust technology on customer’s request.

Il condotto sbarre LIGHTECH è composto da una struttura esterna (involucro, utilizzato anche come conduttore di protezione) in estruso di alluminio e da una serie di fili di rame (conduttori) co-estrusi in una guaina di materiale termoplastico “halogen free” autoestinguente debitamente installati all’interno dell’involucro. La qualità dei materiali utilizzati rende il condotto sbarre LIGHTECH particolarmente adatto per l’installazione in ambienti aggressivi. Il materiale utilizzato per i conduttori è un rame puro ETP 99.9. L’involucro in lega di alluminio estruso garantisce una perdita di peso rispetto ai condotti sbarre realizzati con carcasse in lamiera zincata. Utilizzato principalmente per la distribuzione di energia elettrica, l’elemento viene fornito con le prese di derivazione su un lato. Nel caso del condotto “Doppio” le prese sono su entrambi i lati. La congiunzione elettrica e meccanica tra due elementi di percorso è garantita da un giunto ad innesto con manicotto premontato.
Il rivestimento esterno, in alluminio grezzo, può essere verniciato con tecnologia a polvere su richiesta del cliente.

Configurations
Configurazioni

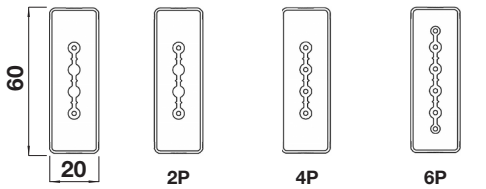
The standard LIGHTECH busbar is produced in different single or double casing versions. In the single casing version we can find the 2P, 4P and 6P configurations, while in the double casing version we find the 2P+2P, 4P+4P, 4P+2P 6P+2P, and 6P+6P configurations. In all the versions the casing is used as a ground conductor.

The configurations with double casing (2P+2P, 4P+4P, 4P+2P, 6P+2P, 6P+6P) are used when more than 6 conductors are required in the plant or when there are circuits that must be completely independent and segregated from the rest; In fact, the LIGHTECH busbars with double casing are completely divided and independent from the beginning (Feeder) to the end (End feeder) of the line.

Il condotto sbarre LIGHTECH standard è prodotto in varie versioni a singolo o doppio involucro. Nella versione a singolo involucro possiamo trovare la configurazione 2P, 4P e 6P mentre nella versione a doppio involucro troviamo le configurazioni 2P+2P, 4P+4P, 4P+2P, 6P+2P, e 6P+6P. In tutte le versioni l’involucro viene utilizzato come conduttore di terra.

Le configurazioni con doppia carcassa (2P+2P, 4P+4P, 4P+2P, 6P+2P, 6P+6P) vengono impiegate quando nell’impianto sono richiesti più di 6 conduttori o quando ci sono dei circuiti che devono essere completamente indipendenti e segregati rispetto ai restanti; infatti, i condotti sbarre LIGHTECH con doppia carcassa sono completamente divisi e indipendenti dall’inizio (Alimentazione) alla fine (Chiusura) della linea.

Single
Singolo

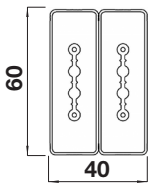


2P
25/40A Cu

4P
25/40A Cu

6P
25/40A Cu

Double
Doppio



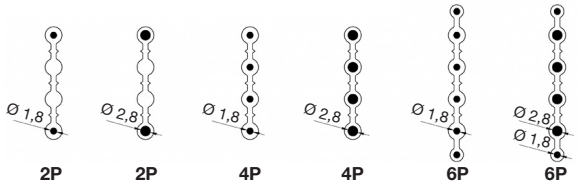
2P + 2P
25/40A Cu

2P + 4P
25/40A Cu

4P + 4P
25/40A Cu

6P + 2P
25/40A Cu

6P + 6P
25/40A Cu



2P
25A

2P
40A

4P
25A

4P
40A

6P
25A

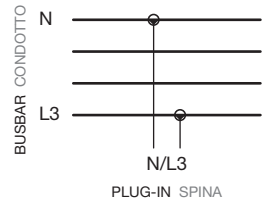
6P
40A

Busbar 25-40A
Condotti sbarre 25-40A

Use of the busbar ducts
Utilizzo dei condotti sbarre

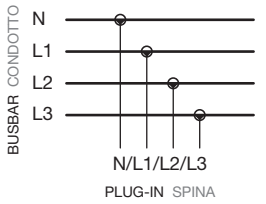
Busbar 2P
Condotto 2P

1 CIRCUIT P+N
1 CIRCUITO F+N

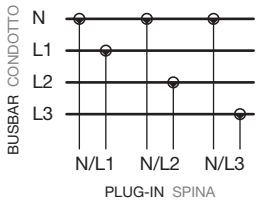


Busbar 4P
Condotto 4P

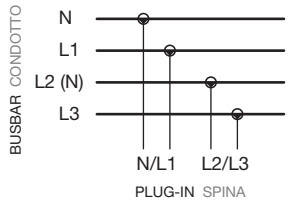
1 CIRCUIT 3P+N
1 CIRCUITO 3F+N



3 CIRCUITS P+N WITH COMMON N
3 CIRCUITI F+N CON N COMUNE

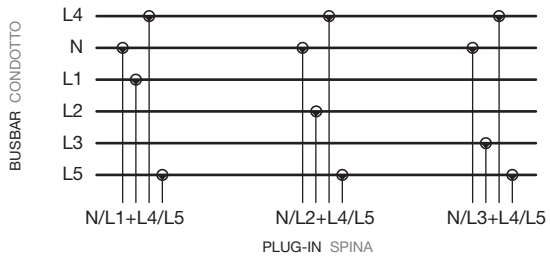


2 CIRCUITS P+N WITH SEPARATE N
2 CIRCUITI F+N CON N SEPARATO

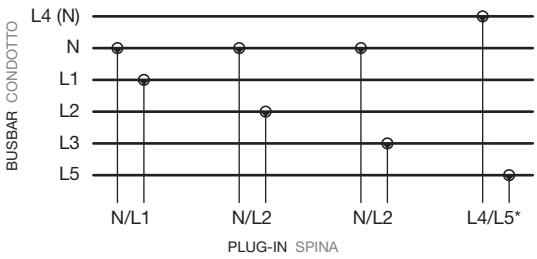


Busbar 6P
Condotto 6P

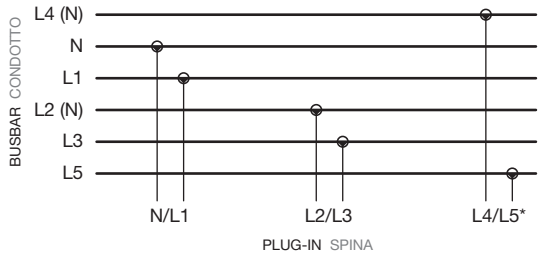
3 CIRCUITS P+N WITH COMMON N + DALI SIGNAL
3 CIRCUITI F+N CON N COMUNE + SEGNALE DALI



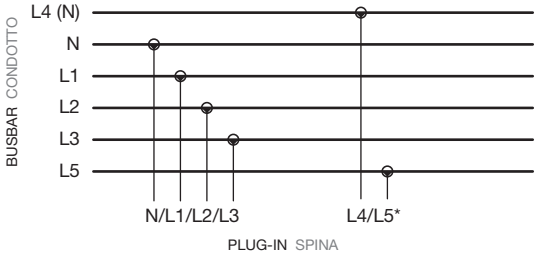
3 CIRCUITS P+N WITH COMMON N + 1 INDIPENDENT CIRCUIT P+N
3 CIRCUITI F+N CON N COMUNE + 1 CIRCUITO INDIPENDENTE F+N



3 INDIPENDENT CIRCUITS P+N
3 CIRCUITI INDIPENDENTI P+N



1 CIRCUIT 3P+N + 1 CIRCUIT P+N
1 CIRCUITO 3F+N + 1 CIRCUITO F+N



(*) The L4/L5 version plug is only available pre-wired from 10A.
La spina versione L4/L5 è disponibile solo pre cablata da 10A.

In the 6 poles busbar duct, the two external conductors L4 and L5, both in the 25A and 40A versions, always have a dimension of 2,54 mm² (Ø 1,8 mm) which guarantees a maximum load of 25A.

The 6 poles busbar duct is particularly suitable for transporting the DALI signal using the 2 external conductors called L4 and L5; it can also be used in case you want to have an extra circuit than the classic 4P (as an alternative to 4P+2P).

Nel condotto sbarre a 6 poli i due conduttori esterni L4 e L5, sia nella versione a 25A che quella a 40A, hanno sempre una dimensione di 2,54 mm² (Ø 1,8 mm) che garantisce un carico massimo di 25A.

Il condotto sbarre a 6 poli è particolarmente indicato per il trasporto del segnale DALI utilizzando i 2 conduttori esterni denominati L4 e L5; può anche essere utilizzato nel caso si voglia avere un circuito in più rispetto al classico 4P (in alternativa al 4P+2P).

Busbar 25-40A
Condotti sbarre 25-40A

A busbar duct configured for DALI and DALI 2 signal transport.
Un condotto sbarre configurato per il trasporto del segnale DALI e DALI 2.

What is the DALI system?

Digital Addressable Lighting Interface, or more commonly DALI, is a communication protocol designed for digital lighting control: a bus consisting of two cables (conductors) on which digital messages pass, which can address a maximum of 64 electronic ballasts per DALI line.

Cosa è il sistema DALI?

Digital Addressable Lighting Interface, o più comunemente DALI, è un protocollo di comunicazione ideato per il controllo digitale dell'illuminazione: un bus composto da due cavi (conduttori) su cui transitano messaggi digitali che può indirizzare al massimo 64 alimentatori elettronici per ogni linea DALI.

What are the technical characteristics of the DALI and DALI-2 signal transport?

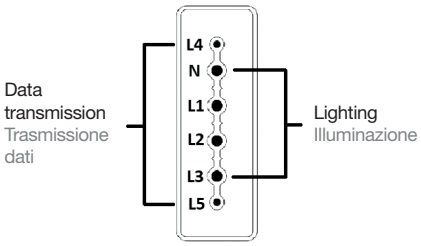
- Voltage: 9,5 V – 22,5 V, tipica 16 V
- System current: max. 250 mA
- Data transfer rate: 1200 Baud
- Maximum cable/conductor lenght: The maximum length of the cable depends on the maximum voltage drop allowed on the DALI cable, which is a maximum of 2 V. This corresponds to a maximum length of 300 m and a cable section of 1.5 mm². The cable/conductor does not need any special shielding or installation ("twisted pairs")
- Cable/conductor characteristics: The DALI system is installed with the same standard material used with the mains supply. For the DALI circuit you need two wires. Network and bus can fit in the same casing.

Quali sono le caratteristiche tecniche per il trasporto del segnale del DALI e DALI-2?

- Tensione: 9,5 V – 22,5 V, tipica 16 V
- Corrente del sistema: max. 250 mA
- Velocità di trasmissione dei dati: 1200 Baud
- Lunghezza massima dei cavi/conduttori: La lunghezza massima del cavo dipende dalla massima caduta di tensione consentita sul cavo DALI ovvero al massimo 2 V. Ciò corrisponde a un cablaggio di lunghezza massima 300 m e con sezione cavo di 1,5 mm². Il cavo/conduttore non necessita di schermatura o posa particolare ("cavo twistato")
- Caratteristiche dei cavi/conduttori: il sistema DALI si installa con il medesimo materiale standard utilizzato con l'alimentazione di rete. Per il circuito DALI servono due fili. Rete e bus possono stare nello stesso involucro.

What is the solution offered by DKC Power Solutions?

The dedicated busbar duct for the transport of the DALI signal is the 6P where 4 conductors (N/L1/L2/L3) are used for the network while the 2 conductors L4 and L5 are used for data transmission. The Plug-in that must be used for this type of busbduct and use are those with contacts L4 and L5 (example: LTN70APP05AA000 – Plug-in pre-wired 10A N/L1+L4/L5)



ATTENTION: The L4 and L5 conductors, both in the 25A and 40A versions, always have a dimension of 2.54 mm² (1.8mm) which guarantees a conductor section that fully meets the technical requirements for the DALI protocol.

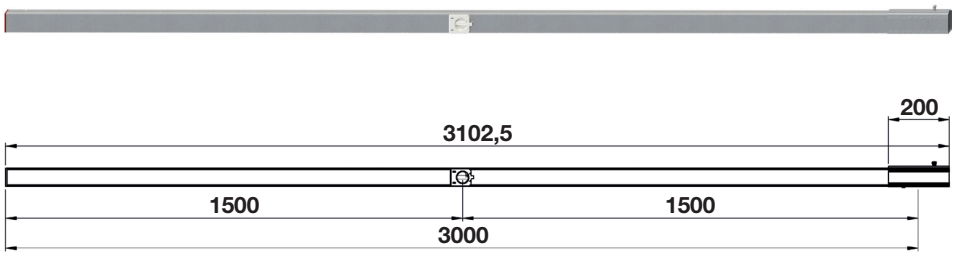
Qual'è la soluzione proposta da DKC Power Solutions?

Il condotto sbarre dedicato per il trasporto del segnale DALI è il 6P dove 4 conduttori (N/L1/L2/L3) sono utilizzati per la rete mentre i 2 conduttori L4 e L5 sono impiegati per la trasmissione dati. Le spine di derivazione che devono essere utilizzate per questa tipologia di condotto e utilizzo sono quelle con i contatti L4 e L5
(esempio: LTN70APP05AA000 - Sp. prec. 10A N/L1+L4/L5)

ATTENZIONE: I conduttori L4 e L5, sia nella versione a 25A che quella a 40A, hanno sempre una dimensione di 2,54 mm² (Ø 1,8mm) che garantisce una sezione del conduttore che soddisfa pienamente i requisiti tecnici richiesti per il protocollo DALI.

Straight element
Elemento rettilineo

3 meter - 1 plug-in
3 metri - 1 derivazioni



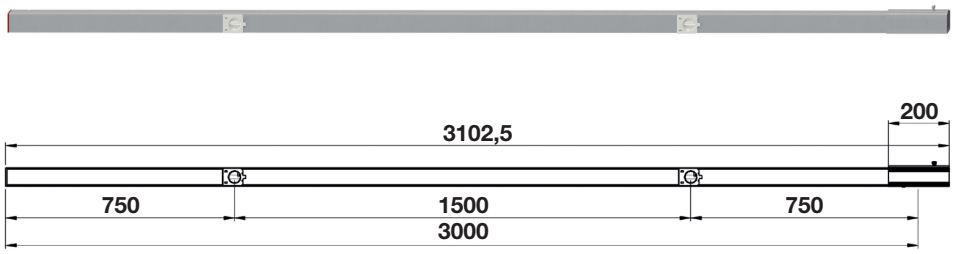
Single Singolo

In (A)	POLES NUMBER NUMERO DI POLI 2P	4P	6P
25 A	LTC25ASP42AA000	LTC25DSP42AA000	LTC25LSP42AA000
40 A	LTC40ASP42AA000	LTC40DSP42AA000	LTC40LSP42AA000

Double Doppio

In (A)	POLES NUMBER NUMERO DI POLI 2P+2P	4P+4P	4P+2P	6P+2P	6P+6P
25 A	LTC25BSP42AA000	LTC25FSP42AA000	LTC25NSP42AA000	LTC25KSP42AA000	LTC25MSP42AA000
40 A	LTC40BSP42AA000	LTC40FSP42AA000	LTC40NSP42AA000	LTC40KSP42AA000	LTC40MSP42AA000

3 meter - 2 plug-in
3 metri - 2 derivazioni



Single Singolo

In (A)	POLES NUMBER NUMERO DI POLI 2P	4P	6P
25 A	LTC25ASP41AA000	LTC25DSP41AA000	LTC25LSP41AA000
40 A	LTC40ASP41AA000	LTC40DSP41AA000	LTC40LSP41AA000

Double Doppio

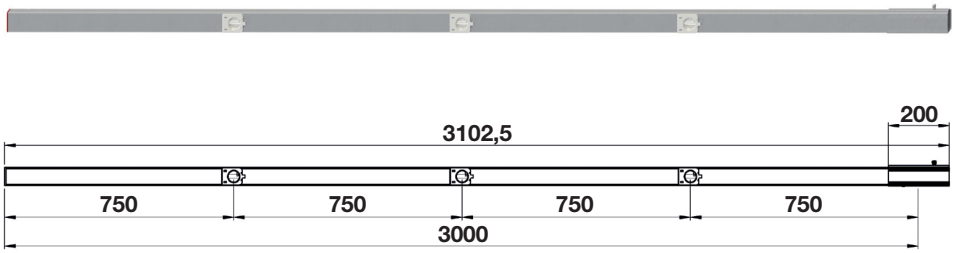
In (A)	POLES NUMBER NUMERO DI POLI 2P+2P	4P+4P	4P+2P	6P+2P	6P+6P
25 A	LTC25BSP41AA000	LTC25FSP41AA000	LTC25NSP41AA000	LTC25KSP41AA000	LTC25MSP41AA000
40 A	LTC40BSP41AA000	LTC40FSP41AA000	LTC40NSP41AA000	LTC40KSP41AA000	LTC40MSP41AA000

For information about special solutions not in the catalogue or for painted busbar, please contact our Engineering department

Per informazioni riguardo soluzioni speciali non a catalogo o per condotti verniciati, contattare il nostro ufficio Engineering

Straight element
Elemento rettilineo

3 meter - 3 plug-in
3 metri - 3 derivazioni



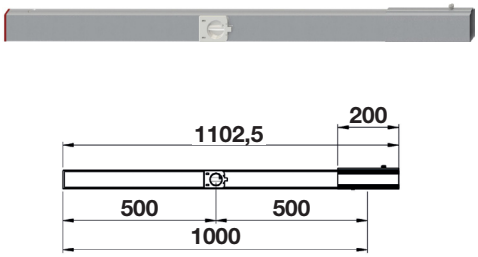
Single Singolo

In (A)	POLES NUMBER NUMERO DI POLI 2P	4P	6P
25 A	LTC25ASP43AA000	LTC25DSP43AA000	LTC25LSP43AA000
40 A	LTC40ASP43AA000	LTC40DSP43AA000	LTC40LSP43AA000

Double Doppio

In (A)	POLES NUMBER NUMERO DI POLI 2P+2P	4P+4P	4P+2P	6P+2P	6P+6P
25 A	LTC25BSP43AA000	LTC25FSP43AA000	LTC25NSP43AA000	LTC25KSP43AA000	LTC25MSP43AA000
40 A	LTC40BSP43AA000	LTC40FSP43AA000	LTC40NSP43AA000	LTC40KSP43AA000	LTC40MSP43AA000

1 meter - 1 plug-in
1 metri - 1 derivazioni



Single Singolo

In (A)	POLES NUMBER NUMERO DI POLI 2P	4P	6P
25 A	LTC25ASP44AA000	LTC25DSP44AA000	LTC25LSP44AA000
40 A	LTC40ASP44AA000	LTC40DSP44AA000	LTC40LSP44AA000

Double Doppio

In (A)	POLES NUMBER NUMERO DI POLI 2P+2P	4P+4P	4P+2P	6P+2P	6P+6P
25 A	LTC25BSP44AA000	LTC25FSP44AA000	LTC25NSP44AA000	LTC25KSP44AA000	LTC25MSP44AA000
40 A	LTC40BSP44AA000	LTC40FSP44AA000	LTC40NSP44AA000	LTC40KSP44AA000	LTC40MSP44AA000

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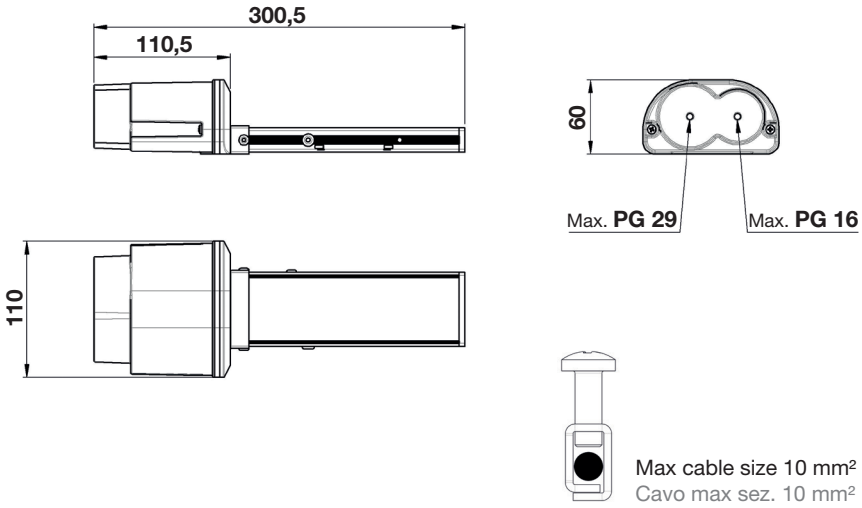
Feeder
Alimentazione

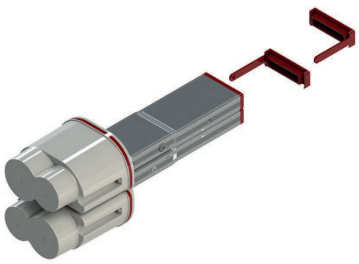
End feeder type 1 + end cover type 2
Alimentazione di testata tipo 1 + testata di chiusura tipo 2

Single Singolo

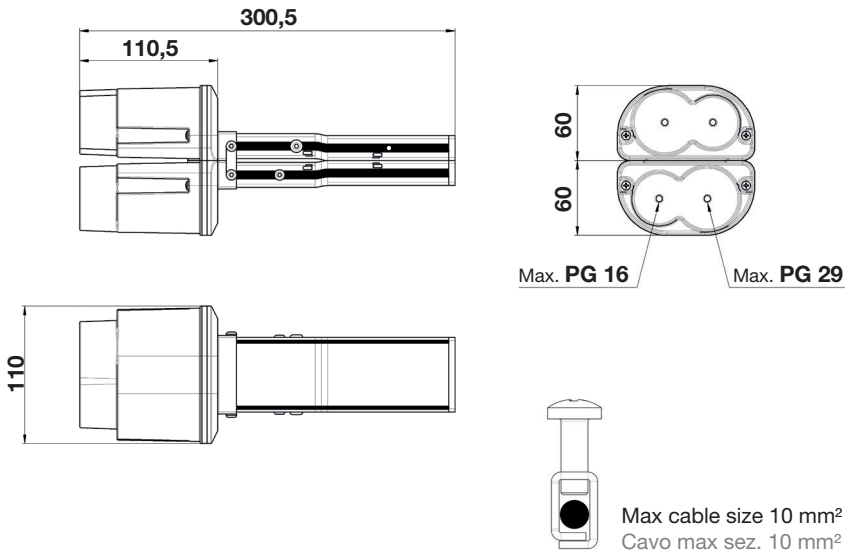
In (A)	POLES NUMBER NUMERO DI POLI 2P	4P	6P
25 A	LTC25DFED3AA000		LTC25LFED3AA000
40 A	LTC40DFED3AA000		LTC40LFED3AA000



Double Doppio



In (A)	POLES NUMBER NUMERO DI POLI 2P+2P	4P+4P	4P+2P	6P+2P	6P+6P
25 A	LTC25FFED3AA000			LTC25MFED3AA000	
40 A	LTC40FFED3AA000			LTC40MFED3AA000	



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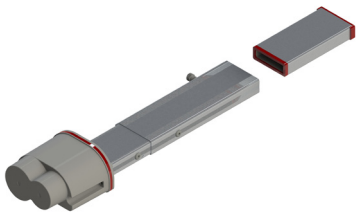
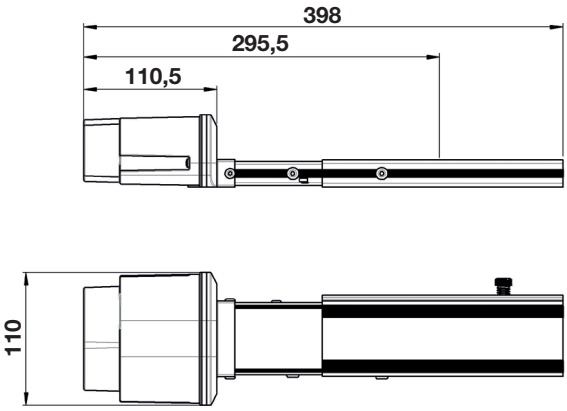
Feeder
Alimentazione

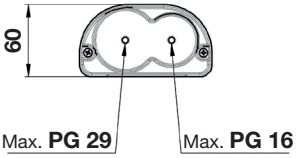
Feeder type 2 + end cover type 1
Alimentazione tipo 2 + testata di chiusura tipo 1



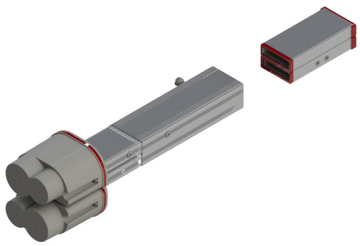
Single Singolo

In (A)	POLES NUMBER NUMERO DI POLI 2P	4P	6P
25 A	LTC25DFED4AA000		LTC25LFED4AA000
40 A	LTC40DFED4AA000		LTC40LFED4AA000



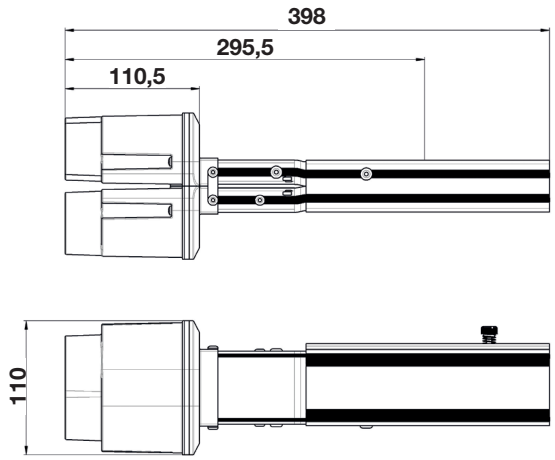


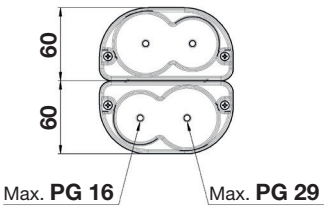
Max cable size 10 mm²
Cavo max sez. 10 mm²



Double Doppio

In (A)	POLES NUMBER NUMERO DI POLI 2P+2P	4P+4P	4P+2P	6P+2P	6P+6P
25 A	LTC25FFED4AA000			LTC25MFED4AA000	
40 A	LTC40FFED4AA000			LTC40MFED4AA000	





Max cable size 10 mm²
Cavo max sez. 10 mm²

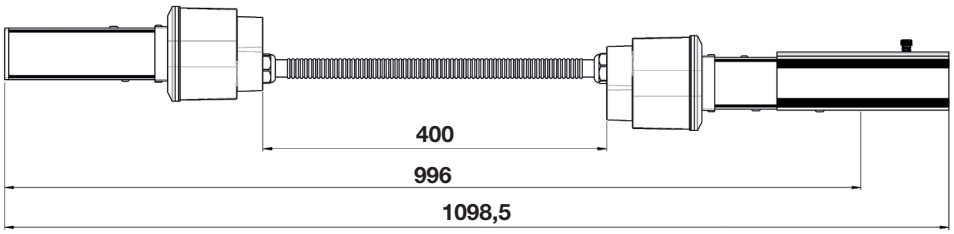
For information about special solutions not in the catalogue or for painted busbar, please contact our Engineering department

Per informazioni riguardo soluzioni speciali non a catalogo o per condotti verniciati, contattare il nostro ufficio Engineering

Flexible joint
Giunto flessibile

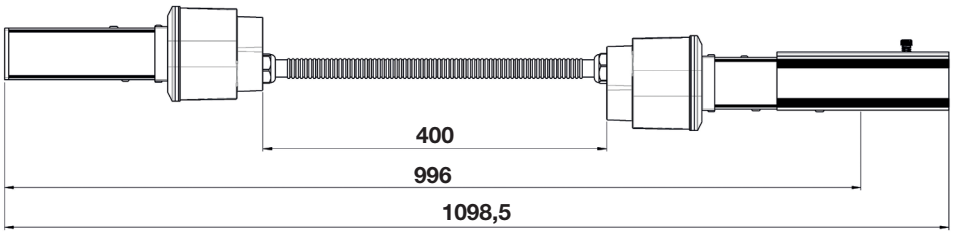
Single Singolo

In (A)	POLES NUMBER NUMERO DI POLI 2P	4P	6P
25 A	LTC25DFLXJAA000		LTC25LFLXJAA000
40 A	LTC40DFLXJAA000		LTC40LFLXJAA000



Double Doppio

In (A)	POLES NUMBER NUMERO DI POLI 2P+2P	4P+4P	4P+2P	6P+2P	6P+6P
25 A	LTC25FFLXJAA000			LTC25MFLXJAA000	
40 A	LTC40FFLXJAA000			LTC40MFLXJAA000	



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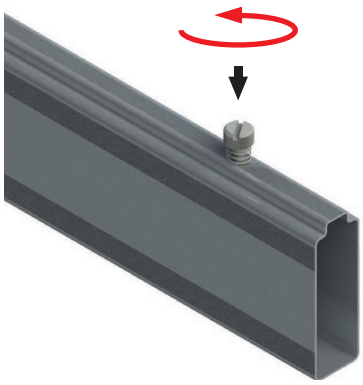
Instruction of assembly
Istruzioni di montaggio

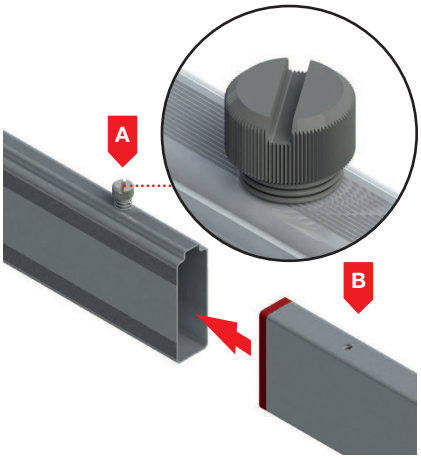
Straight element
Elemento rettilineo

Single Singolo

1



2



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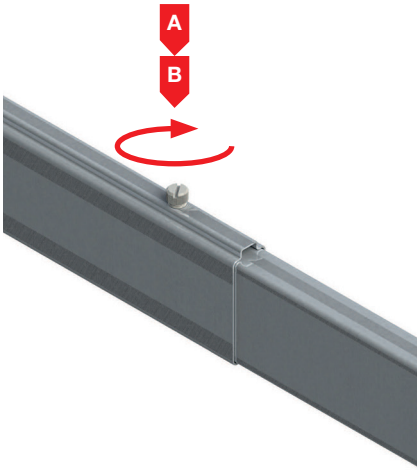
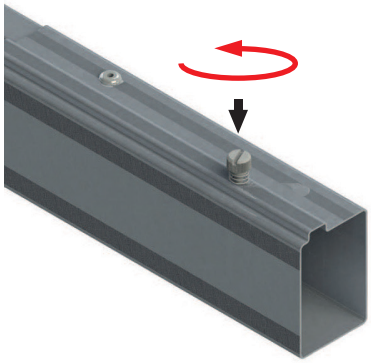
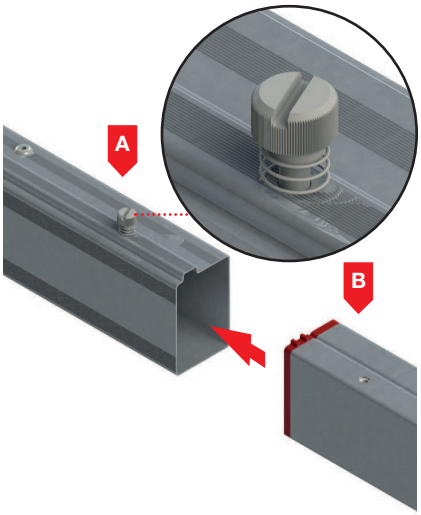


Double Doppio

1



2



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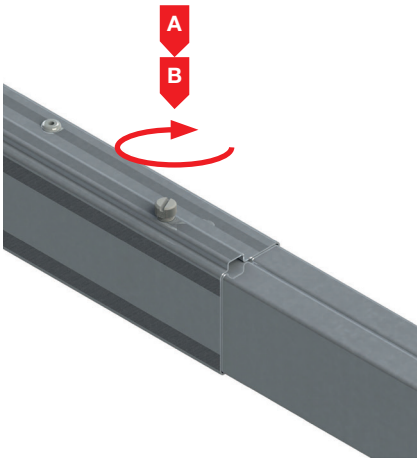
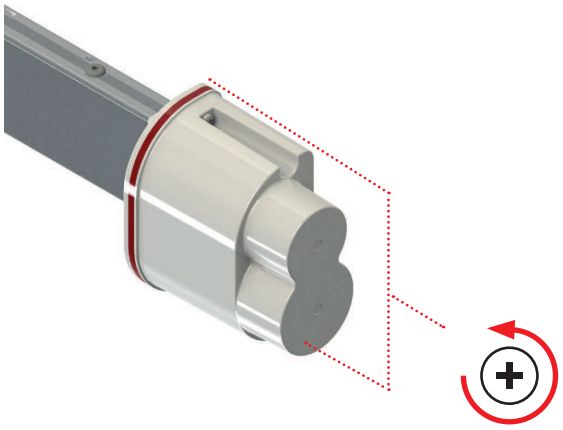


Instruction of assembly
Istruzioni di montaggio

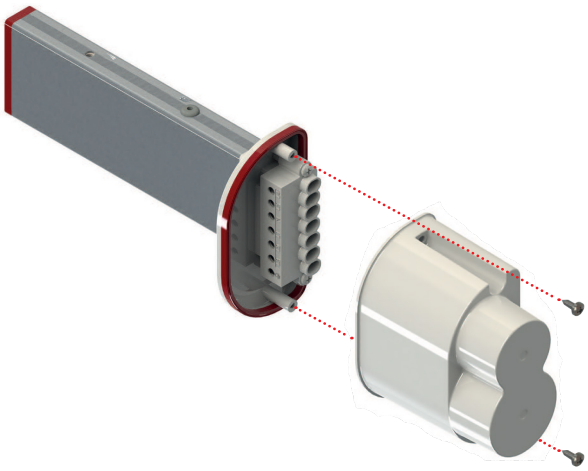
Feeder wiring
Cablaggio alimentazione di testata

Single / Double Singolo / Doppio

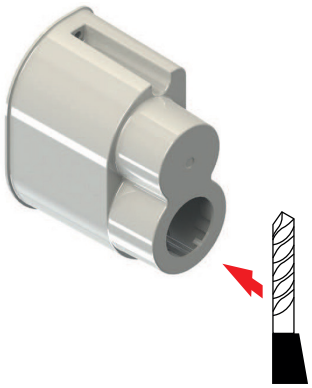
1



2



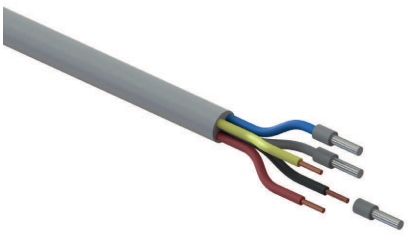
3



4

Settle cables using the appropriate insulated terminal supplied with feeder.

Intestare i cavi utilizzando gli appositi terminali preisolati forniti con l'alimentazione.



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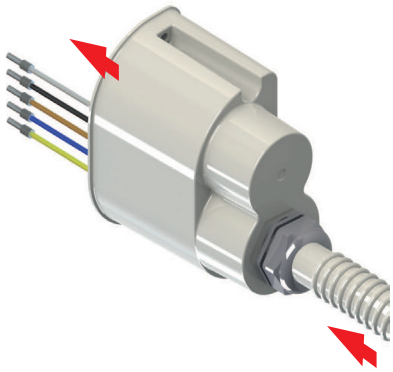
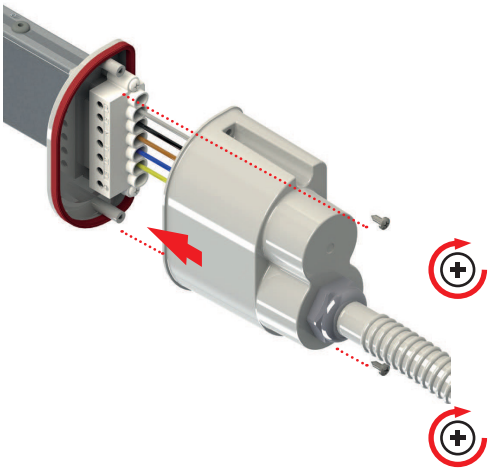


6

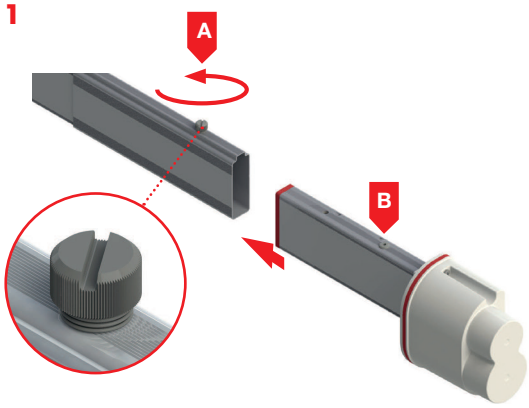


Instruction of assembly
Istruzioni di montaggio

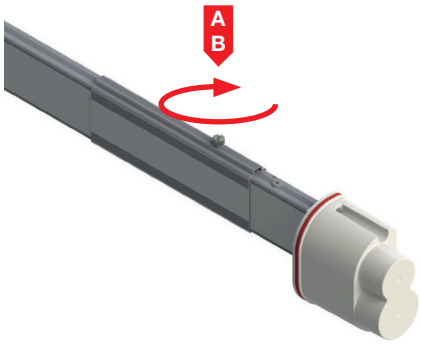
End feeder
Alimentazione di testata

Type 1 Tipo 1

1

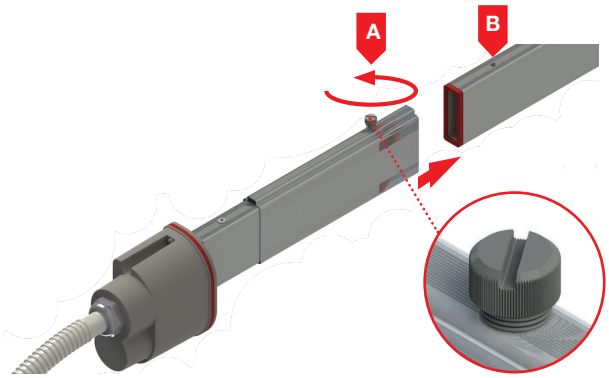


2

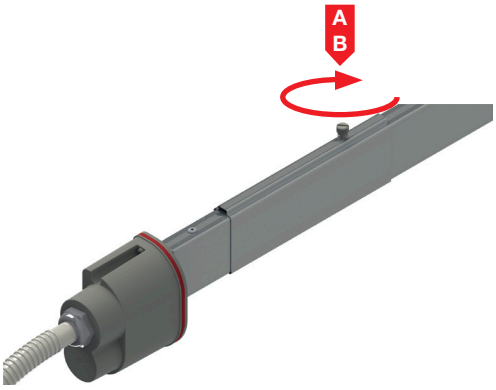


Type 2 Tipo 2

1



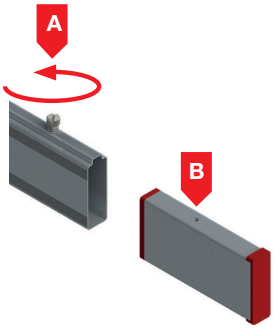
2



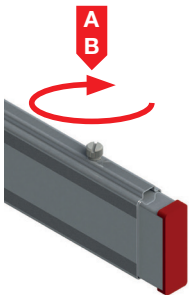
End cover
Testata di chiusura

Type 1 Tipo 1

1

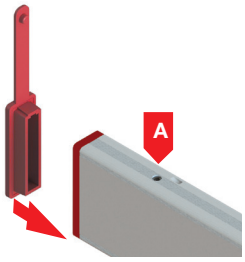


2



Type 2 Tipo 2

1



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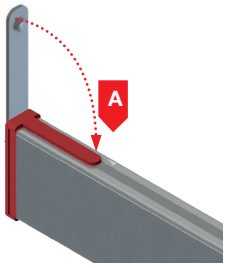
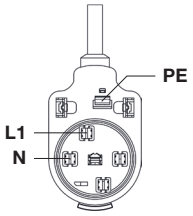


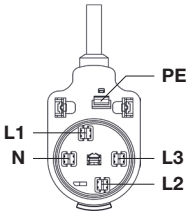
Plug-in
Spina di derivazione

Prewired - 10A
Pre-cablata - 10A

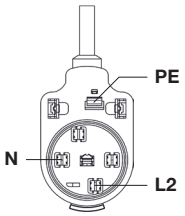
N/L1



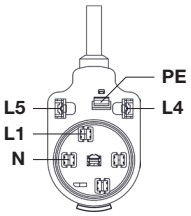
N/L1/L2/L3



N/L2

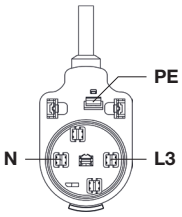


N/L1+L4/L5

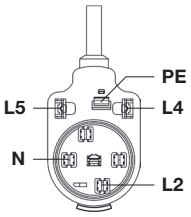


N/L3

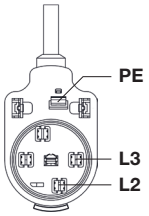
To be used on
2P bus ducts
Utilizzare su
condotto 2P



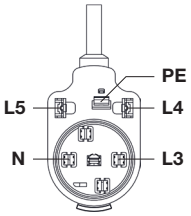
N/L2+L4/L5



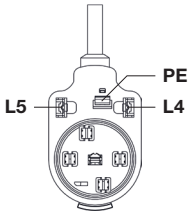
L2/L3



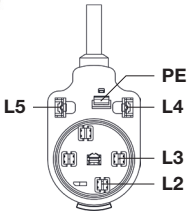
N/L3+L4/L5

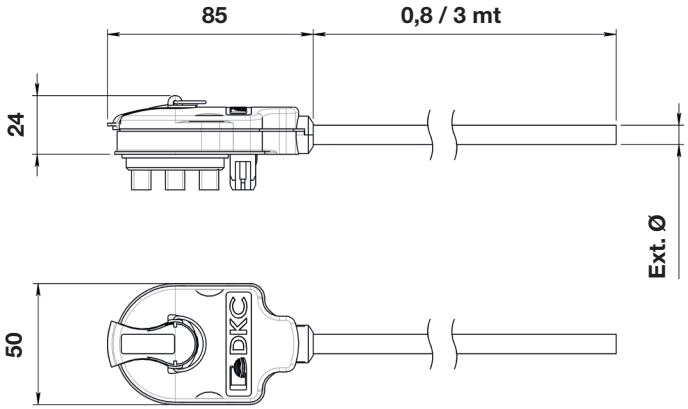


L4/L5



L2/L3+L4/L5





Plug-in
Spina di derivazione

Prewired
Pre-cablata

Cable H05Z1Z1F
Cavo H05Z1Z1F

	L	POLES NUMBER NUMERO DI POLI 2P	4P	6P	2P+2P	4P+4P	4P+2P	6P+2P	6P+6P
10A - N/L1 **	0,8 m	N.A.	LTN70APP01AA000		N.A.	LTN70APP01AA000*			
10A - N/L2 **		N.A.	LTN70APP02AA000		N.A.	LTN70APP02AA000*			
10A - N/L3**		LTN70APP03AA000							
10A - L2/L3 **		N.A.	LTN70APP04AA000		N.A.	LTN70APP04AA000*			
10A - N/L1 + L4/L5 ***		N.A.	N.A.	LTN70APP05AA000	N.A.	N.A.	N.A.	LTN70APP05AA000	
10A - N/L2 + L4/L5 ***		N.A.	N.A.	LTN70APP06AA000	N.A.	N.A.	N.A.	LTN70APP06AA000	
10A - N/L3 + L4/L5 ***		N.A.	N.A.	LTN70APP07AA000	N.A.	N.A.	N.A.	LTN70APP07AA000	
10A - L2/L3 + L4/L5 ***		N.A.	N.A.	LTN70APP08AA000	N.A.	N.A.	N.A.	LTN70APP08AA000	
10A - N/L1/L2/L3 ***		N.A.	LTN70APP09AA000		N.A.	LTN70APP09AA000*			
10A - L4/L5 **		N.A.	N.A.	LTN70APP10AA000	N.A.	N.A.	N.A.	LTN70APP10AA000	

	L	POLES NUMBER NUMERO DI POLI 2P	4P	6P	2P+2P	4P+4P	4P+2P	6P+2P	6P+6P
10A - N/L1 **	3 m	N.A.	LTN70APP11AA000		N.A.	LTN70APP11AA000*			
10A - N/L2 **		N.A.	LTN70APP12AA000		N.A.	LTN70APP12AA000*			
10A - N/L3**		LTN70APP13AA000							
10A - L2/L3 **		N.A.	LTN70APP14AA000		N.A.	LTN70APP14AA000*			
10A - N/L1 + L4/L5 ***		N.A.	N.A.	LTN70APP15AA000	N.A.	N.A.	N.A.	LTN70APP15AA000	
10A - N/L2 + L4/L5 ***		N.A.	N.A.	LTN70APP16AA000	N.A.	N.A.	N.A.	LTN70APP16AA000	
10A - N/L3 + L4/L5 ***		N.A.	N.A.	LTN70APP17AA000	N.A.	N.A.	N.A.	LTN70APP17AA000	
10A - L2/L3 + L4/L5 ***		N.A.	N.A.	LTN70APP18AA000	N.A.	N.A.	N.A.	LTN70APP18AA000	
10A - N/L1/L2/L3 ***		N.A.	LTN70APP19AA000		N.A.	LTN70APP19AA000*			

Cable FG16(O)M16
Cavo FG16(O)M16

	L	POLES NUMBER NUMERO DI POLI 2P	4P	6P	2P+2P	4P+4P	4P+2P	6P+2P	6P+6P
10A - N/L1 ****	0,8 m	N.A.	LTN70APP41AA000		N.A.	LTN70APP41AA000*			
10A - N/L2 ****		N.A.	LTN70APP42AA000		N.A.	LTN70APP42AA000*			
10A - N/L3****		LTN70APP43AA000							
10A - L2/L3 ****		N.A.	LTN70APP44AA000		N.A.	LTN70APP44AA000*			
10A - L4/L5 ****		N.A.	N.A.	LTN70APP50AA000	N.A.	N.A.	N.A.	LTN70APP50AA000	

	L	POLES NUMBER NUMERO DI POLI 2P	4P	6P	2P+2P	4P+4P	4P+2P	6P+2P	6P+6P
10A - N/L1 ****	3 m	N.A.	LTN70APP51AA000		N.A.	LTN70APP51AA000*			
10A - N/L2 ****		N.A.	LTN70APP52AA000		N.A.	LTN70APP52AA000*			
10A - N/L3****		LTN70APP53AA000							
10A - L2/L3 ****		N.A.	LTN70APP54AA000		N.A.	LTN70APP54AA000*			
10A - L4/L5 ****		N.A.	N.A.	LTN70APP60AA000	N.A.	N.A.	N.A.	LTN70APP60AA000	

* Not applicable on the 2P side in the 4P+2P and 6P+2P versions Non applicabile sul lato 2P nelle versioni 4P+2P e 6P+2P
** Cable dimensions Dimensione cavi 3 x 1 mm² (ext. Ø8)
*** Cable dimensions Dimensione cavi 5 x 1 mm² (ext. Ø9,8)
**** Cable dimensions Dimensione cavi 3 x 1,5 mm² (ext. Ø12,5)

Plug-in
Spina di derivazione

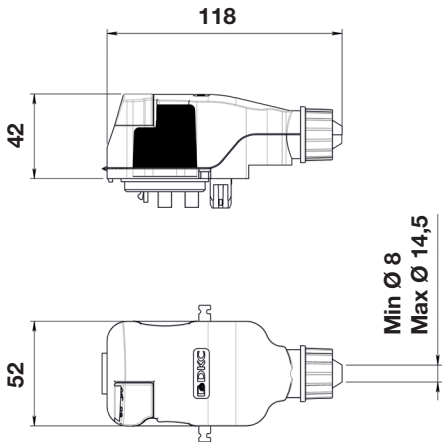
Phase selection
A selezione di fase

Without fuse
Senza fusibile

	POLES NUMBER NUMERO DI POLI							
	2P	4P	6P	2P+2P	4P+4P	4P+2P	6P+2P	6P+6P
16A - N/L	LTN70APS01AA000							
16A - N/L + L4/L5	N.A.	N.A.	LTN70APS04AA000	N.A.	N.A.	N.A.	LTN70APS04AA000	

With fuse
Con fusibile

	POLES NUMBER NUMERO DI POLI							
	2P	4P	6P	2P+2P	4P+4P	4P+2P	6P+2P	6P+6P
16A - N/L	LTN70APS02AA000							
6,3A - N/L	LTN70APS03AA000							
16A - N/L + L4/L5	N.A.	N.A.	LTN70APS05AA000	N.A.	N.A.	N.A.	LTN70APS05AA000	
6,3A - N/L + L4/L5	N.A.	N.A.	LTN70APS06AA000	N.A.	N.A.	N.A.	LTN70APS06AA000	



Max cable size 1,5 mm²
Cavo max sez. 1,5 mm²

ATTENTION: the plug-in is supplied with No.2 Mobile contacts (1 for phase and 1 for neutral) which can be moved to positions N, L1, L2 and L3 according to system requirements. If you want to make the plug 3P+N or with double circuit 1P+N, you need to complete the plug with Mobile contacts, see page 18 (to be purchased separately)

ATTENZIONE: la spina di derivazione è fornita con n°2 contatti mobili (n°1 per la fase e n°1 per il neutro) che possono essere spostati nelle posizioni N, L1, L2 e L3 in base alle esigenze dell'impianto. Nel caso si voglia rendere la spina 3P+N o con doppio circuito 1P+N bisogna completare la spina con i contatti mobili, vedi pag. 18 (da acquistare separatamente)

Plug-in
Spina di derivazione

Phase selection
A selezione di fase

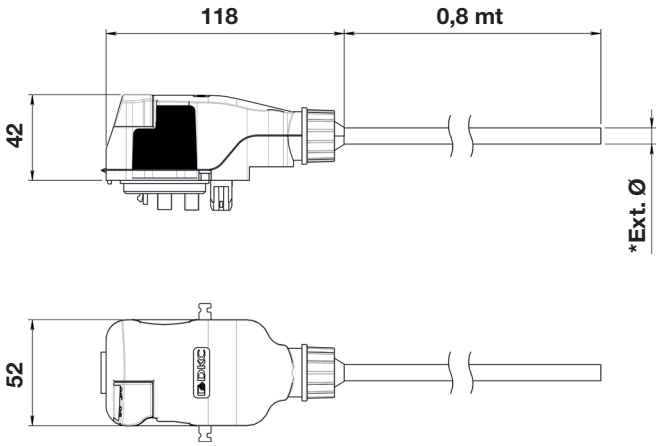
With fuse and cable 0,8 m
Con fusibile e cavo 0,8 m

	POLES NUMBER NUMERO DI POLI							
	2P	4P	6P	2P+2P	4P+4P	4P+2P	6P+2P	6P+6P
6,3A N/L and 3x1 0,8m cable H05Z1Z1F	LTN70APS07AA000							
6,3A N/L + L4/L5 and 5x1 0,8m cable H05Z1Z1F	N.A.	N.A.	LTN70APS08AA000	N.A.	N.A.	N.A.	LTN70APS08AA000	
6,3A N/L and 3x1,5 0,8m cable FG16(O)M1	LTN70APS19AA000							

* Cable dimensions
Dimensione cavi

H05Z1Z1F
3 x 1 mm² (ext. Ø8)
5 x 1 mm² (ext. Ø9,8)

FG16(O)M16
3 x 1,5 mm² (ext. Ø12,5)



Plug-in
Spina di derivazione

Mobile contact
Contatto mobile

Fuse 6,3A (6.3x32)
Fusibile 6,3A (6.3x32)

Fuse 16A (8,5x31,5)
Fusibile 16A (8,5x31,5)

Without fuse
Senza fusibile

Without fuse
Senza fusibile

	POLES NUMBER NUMERO DI POLI							
	2P	4P	6P	2P+2P	4P+4P	4P+2P	6P+2P	6P+6P
16A Neutral / Neutro				**LTN70ZMC01AA000**				
16A - Phase / Fase				**LTN70ZMC02AA000**				

With fuse
Con fusibile

	POLES NUMBER NUMERO DI POLI							
	2P	4P	6P	2P+2P	4P+4P	4P+2P	6P+2P	6P+6P
16A - Phase / Fase				**LTN70ZMC03AA000**				
6,3A - Phase / Fase				**LTN70ZMC04AA000**				

Max cable size 1,5 mm²
Cavo max sez. 1,5 mm²

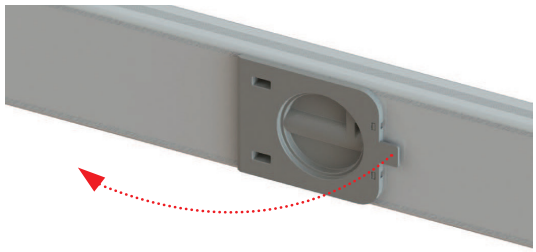
The Mobile contact is necessary to increase the number of poles inside the phase selection plugs; the choice depends on the type of use required.

Il Contatto mobile è necessario per aumentare il numero di poli all'interno delle spine a selezione di fase; la scelta dipende dalla tipologia di utilizzo richiesta.

Instruction of assembly
Istruzioni di montaggio

Prewired plug-in - Plug insertion
Spina di derivazione pre-cablata - Inserimento spina

1



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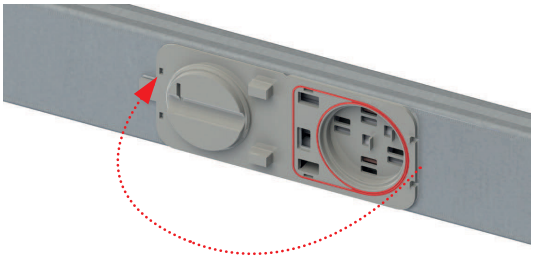

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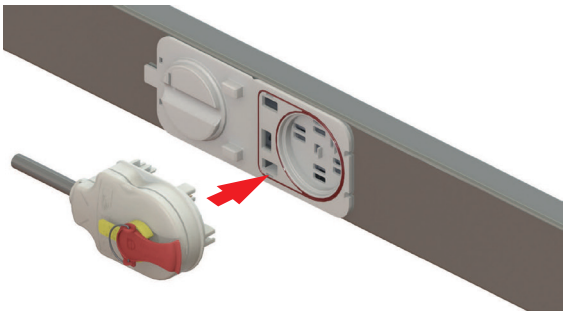

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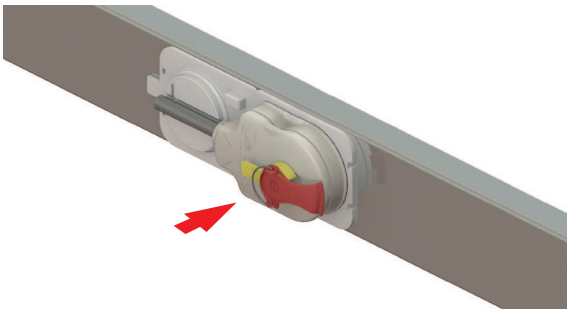

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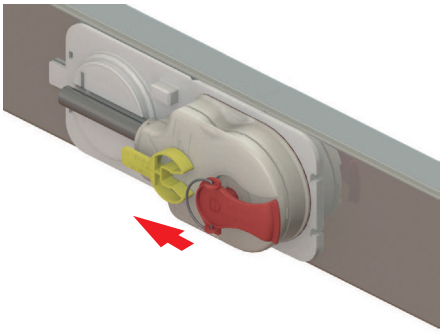

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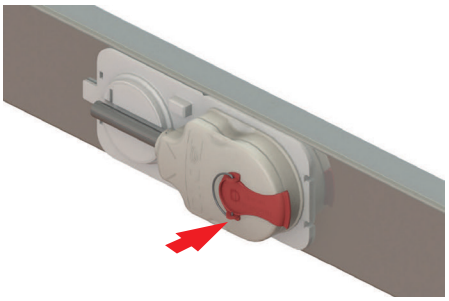
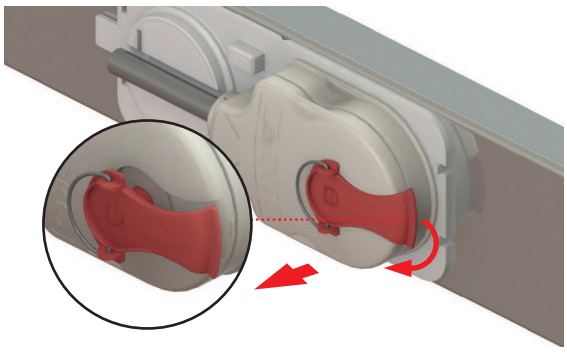


Prewired plug-in Plug-in removal
Spina di derivazione pre-cablata - Rimozione spina

1



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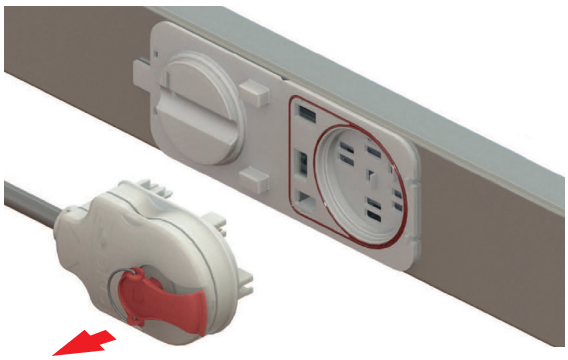
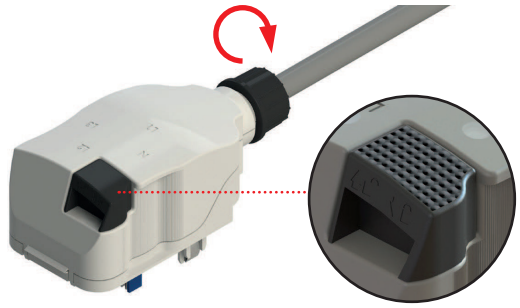


Instruction of assembly
Istruzioni di montaggio

Plug-in phase selection
Spina di derivazione a selezione di fase

1



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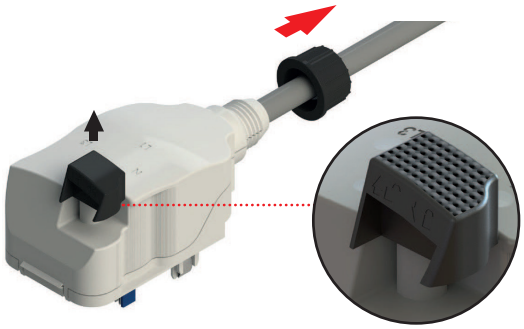
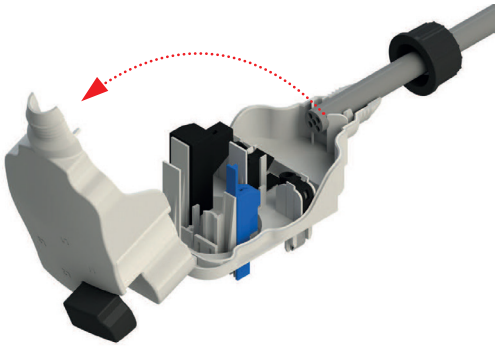


3,



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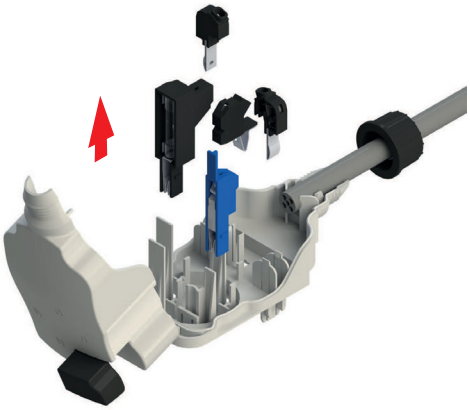

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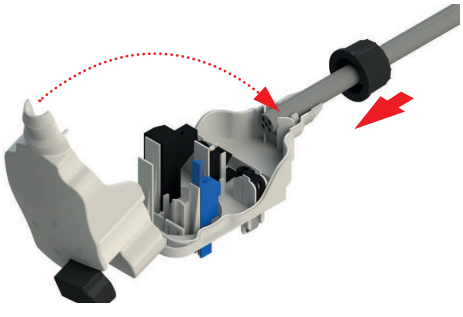

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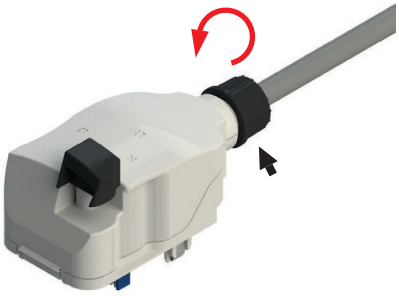
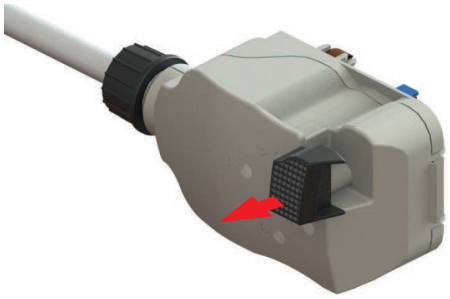


Instruction of assembly
Istruzioni di montaggio

Plug-in phase selection - Plug insertion
Spina di derivazione a selezione di fase - Inserimento spina

1



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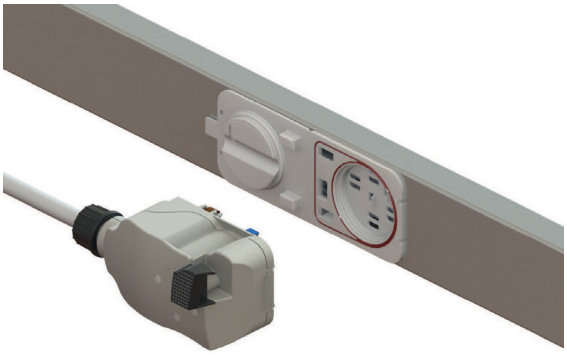

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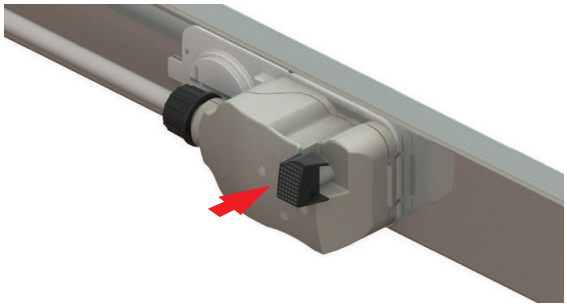

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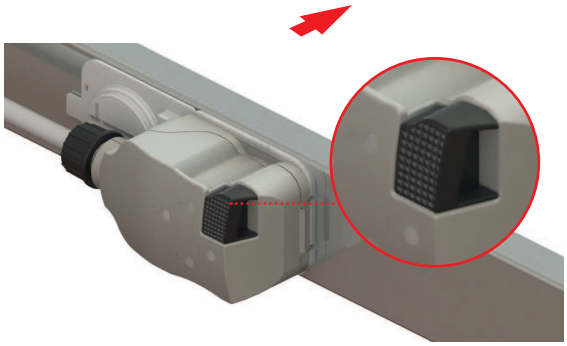
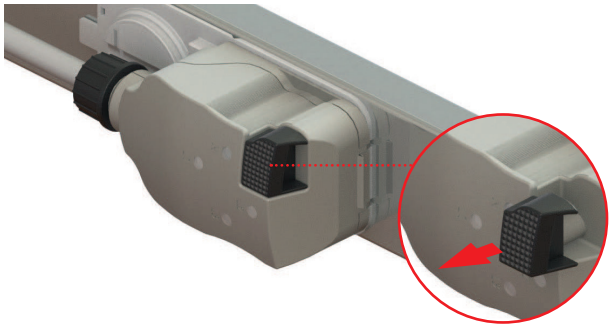
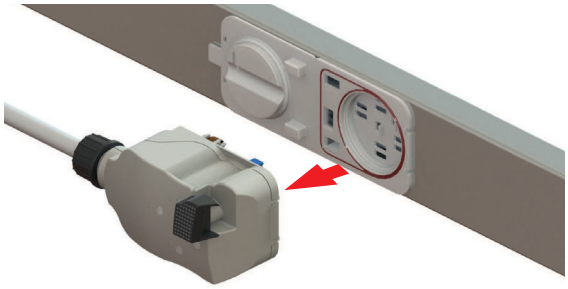


Plug-in phase selection - Plug-in removal
Spina di derivazione a selezione di fase - Rimozione spina

1

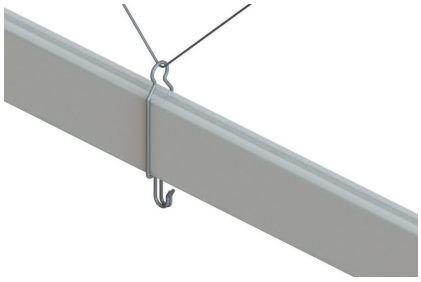


2



Bracket
Staffa

Wire
A filo

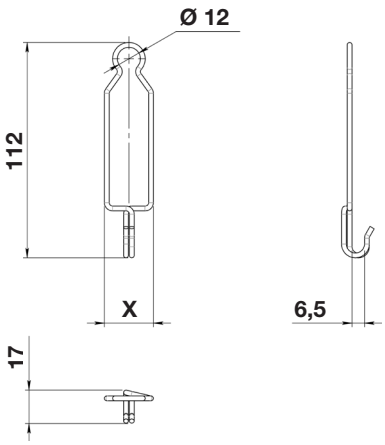


The wire bracket can be used for the clamping of the busbar duct through chain/cable or for the suspension of lighting fixtures. For special needs the same bracket can be used to simultaneously meet the situations described above.
Total permissible load = 50 kg.

Caution: If the bracket is used for both the mounting and the suspension of lighting fixtures, the total load must not exceed 50 kg.
Maximum cable or chain diameter of 7 mm.

La staffa a filo può essere utilizzata per lo staffaggio del condotto sbarre tramite catena/cavo o per la sospensione di corpi illuminanti. per esigenze particolari può essere utilizzata la stessa staffa per soddisfare contemporaneamente le situazioni sopra descritte.
Carico totale ammesso = 50 kg.

Attenzione: se la staffa viene utilizzata sia per lo staffaggio che per la sospensione di corpi illuminanti, il carico totale non deve superare i 50 Kg.
Diametro massimo di un cavo o catena di 7 mm.



Single Singolo

X	POLES NUMBER NUMERO DI POLI 2P	4P	6P
25,5	LTN70PFIU2AA000		

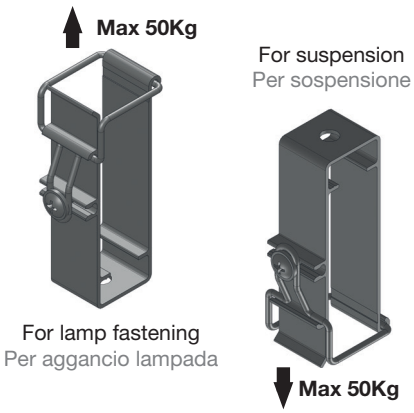
Double Doppio

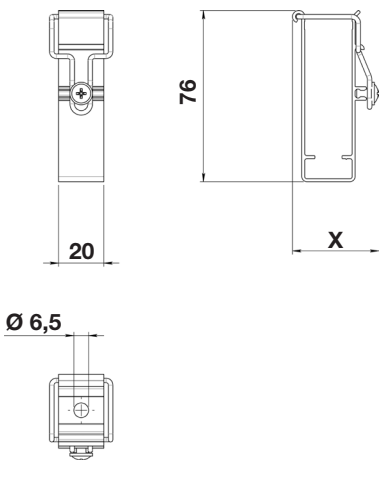
X	POLES NUMBER NUMERO DI POLI 2P+2P	4P+4P	4P+2P	6P+2P	6P+6P
45,5	LTN70QFIU2AA000				

Simple
Semplice

The simple bracket can be used for the fastening of the busbar duct by means of threaded bar or chain/cable using the open hook (Cod. LTN70ZFIU6AA000) or for the suspension of lighting fixtures.
Total permissible weight: 50 Kg

La staffa semplice può essere utilizzata per lo staffaggio del condotto sbarre tramite barra filettata o catena/cavo utilizzando il gancio aperto (Cod. LTN70ZFIU6AA000) o per la sospensione di corpi illuminanti.
Carico totale ammesso: 50 Kg





Single Singolo

X	POLES NUMBER NUMERO DI POLI 2P	4P	6P
38	LTN70PFIU8AA000		

Double Doppio

X	POLES NUMBER NUMERO DI POLI 2P+2P	4P+4P	4P+2P	6P+2P	6P+6P
60	LTN70QFIU8AA000				

Bracket
Staffa

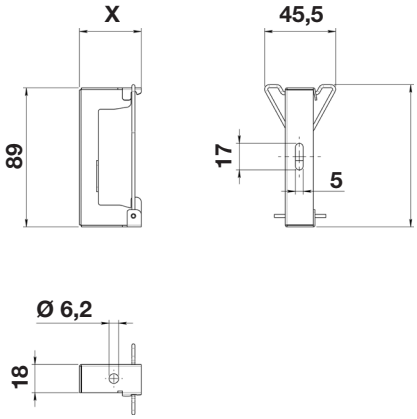
Universal
Universale

For wall or floor mounting.
For coupling with conduit brackets.
Per staffaggio parete o pavimento.
Per accoppiamento con staffa per canaletta

Max 25 Kg

The universal bracket can be used for the mounting of the busbar duct directly on the wall or in combination with the universal bracket for cable duct (Cod. LTN70ZFIU4AA000) for special applications.
Total permissible weight: 25 Kg

La staffa universale può essere utilizzata per lo staffaggio del condotto sbarre direttamente a parete o in combinazione con la staffa universale per canaletta (Cod. LTN70ZFIU4AA000) per applicazioni speciali.
Carico totale ammesso: 25 Kg



Single Singolo

X	POLES NUMBER NUMERO DI POLI 2P	4P	6P
39,5	LTN70PFIU3AA000		

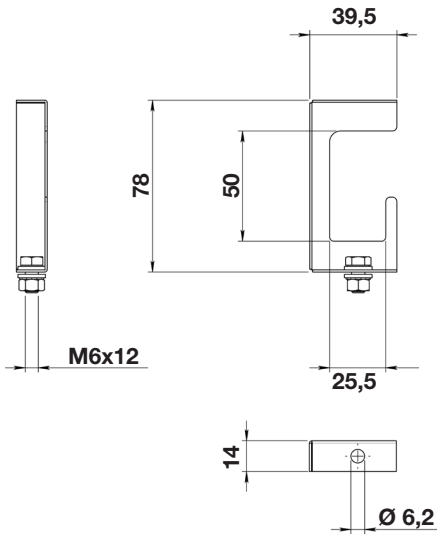
Double Doppio

X	POLES NUMBER NUMERO DI POLI 2P+2P	4P+4P	4P+2P	6P+2P	6P+6P
60	LTN70QFIU3AA000				

Universal bracket for cable duct
Staffa universale per canaletta

Universal bracket + Universal bracket for cable duct.
Warning: Cable duct not supplied by DKC.

Staffa universale + staffa per canaletta
Attenzione: Canaletta portacavi non di nostra fornitura.



Single Singolo

X	POLES NUMBER NUMERO DI POLI 2P	4P	6P
38	LTN70ZFIU4AA000		

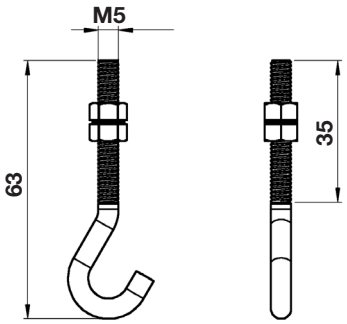
Double Doppio

X	POLES NUMBER NUMERO DI POLI 2P+2P	4P+4P	4P+2P	6P+2P	6P+6P
60	LTN70ZFIU4AA000				

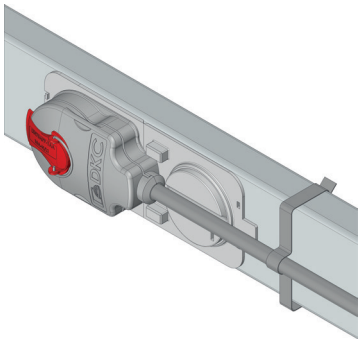
Bracket
Staffa

Open hook
Gancio aperto

POLES NUMBER NUMERO DI POLI							
2P	4P	6P	2P+2P	4P+4P	4P+2P	6P+2P	6P+6P
LTN70ZFIU6AA000							



Cable fastening
Fissaggio cavo



Single Singolo

POLES NUMBER NUMERO DI POLI		
2P	4P	6P
LTN70PFIU7AA000		

Double Doppio

POLES NUMBER NUMERO DI POLI				
2P+2P	4P+4P	4P+2P	6P+2P	6P+6P
LTN70QFIU7AA000				

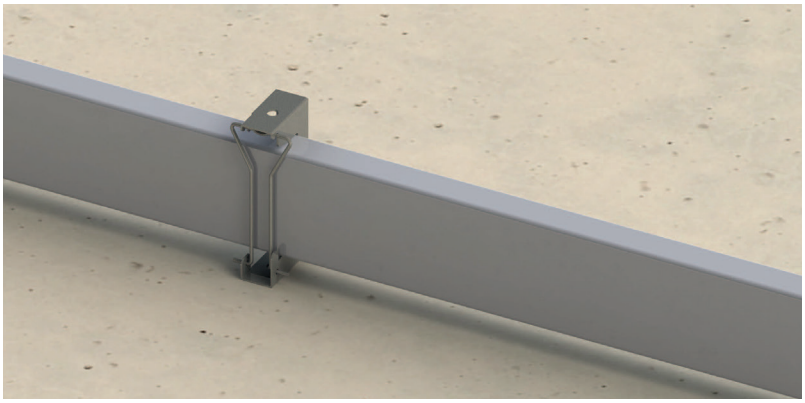
Installations
Installazioni

Installation from top and lamp
Installazione dall'alto e lampada

Installation from top and ceiling light
Installazione dall'alto e plafoniera

Wall installation
Installazione a muro

Floor installation
Installazione a pavimento

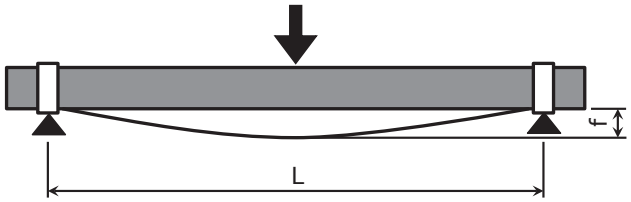


Busbar 25-40A
Condotti sbarre 25-40A

Loads Diagrams
Diagrammi di carico

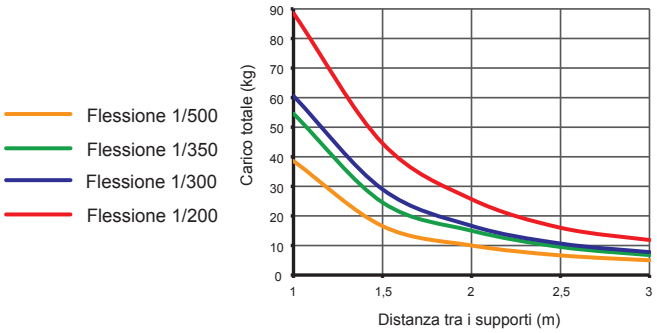
Lightech busbars can be installed with a distance of the fixing points which may vary according to the needs of the site. The distance of the fixing points suggested by DKC is 1.5 meters so that each standard straight element of 3 meters can have 2 fixing points (this facilitates the assembly or disassembly of the elements). The distance of the fixing points can be increased up to a maximum of 6 metres by reducing or, in extreme cases, avoiding the loads suspended directly on the busbar duct. The maximum acceptable bending is 1/200; DKC suggests sizing the plant for a maximum bending of 1/350. Below you can find graphs with applicable loads based on the fixing distance.

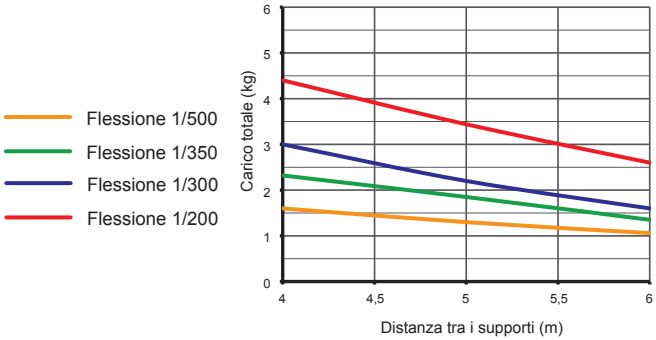
I condotti sbarre Lightech possono essere installati con una distanza dei punti di fissaggio che può variare in base alle esigenze di cantiere. La distanza dei punti di fissaggio che viene suggerita da DKC è di 1,5 metri in modo che ogni elemento rettilineo standard da 3 metri possa avere 2 punti di fissaggio (questo facilita il montaggio o lo smontaggio degli elementi). La distanza dei punti di fissaggio può essere aumentata fino ad un massimo di 6 metri riducendo o, nei casi estremi, evitando i carichi sospesi direttamente sul condotto sbarre. La massima flessione accettabile è pari a 1/200; DKC suggerisce di dimensionare l'impianto per una flessione massima di 1/350. Qui di seguito potete trovare i grafici con i carichi applicabili in base alla distanza di fissaggio.



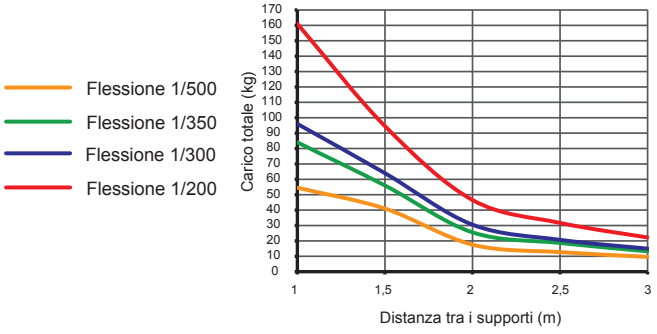
L Distanza dei punti di fissaggio
f Flessione della carcassa del condotto sbarre Lightech

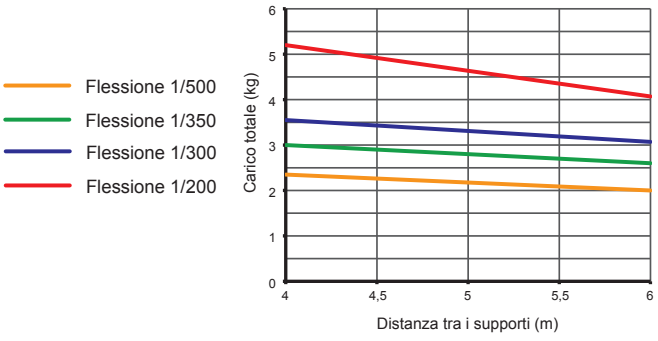
Single Singolo





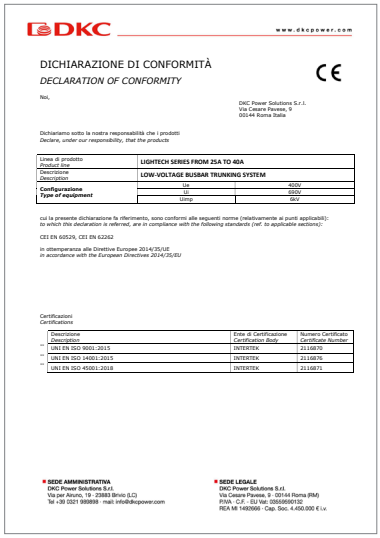
Double Doppio





Certifications
Certificazioni

Of system
Di sistema



DKC www.dkcpower.com

DICHIARAZIONE DI CONFORMITÀ
DECLARATION OF CONFORMITY

CE

Noi,

DKC Power Solutions S.r.l.
Via Cesare Pavese, 9
00144 Roma Italia

Dichiariamo sotto la nostra responsabilità che i prodotti
Declare, under our responsibility, that the products

Linea di prodotto *Product line*	**LIGHTECH SERIES FROM 25A TO 40A**
Descrizione *Description*	**LOW-VOLTAGE BUSBAR TRUNKING SYSTEM**
Configurazione **Type of equipment**	Ue 400V Ui 690V Uimp 6kV

cui la presente dichiarazione fa riferimento, sono conformi alle seguenti norme (relativamente ai punti applicabili):
to which this declaration is referred, are in compliance with the following standards (ref. to applicable sections):

CEI EN 60529, CEI EN 62262

in ottemperanza alle Direttive Europee 2014/35/UE
in accordance with the European Directives 2014/35/EU

Certificazioni
Certifications

	Descrizione *Description*	Ente di Certificazione *Certification Body*	Numero Certificato *Certificate Number*
**	UNI EN ISO 9001:2015	INTERTEK	2116870
**	UNI EN ISO 14001:2015	INTERTEK	2116876
**	UNI EN ISO 45001:2018	INTERTEK	2116871

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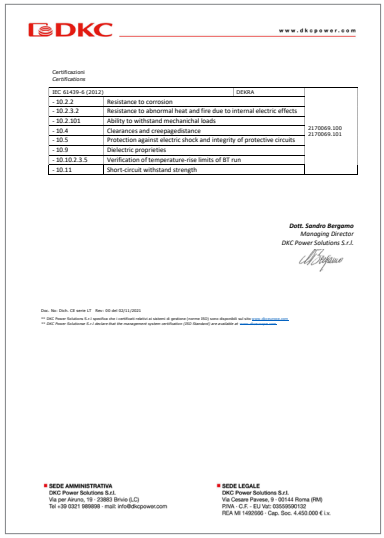
Tel +39 0321 986898 - mail: info@dkcpower.com

SEDE LEGALE
DKC Power Solutions S.r.l.
Via Cesare Pavese, 9 - 00144 Roma (RM)
P.IVA - C.F. - EU Vat: 03559090132
REA MI 1492666 - Cap. Soc. 4.450.000 € i.v.



DKC www.dkcpower.com

Certificazioni
Certifications

IEC 61439-6 (2012)		DEKRA
- 10.2.2	Resistance to corrosion	2170069.100 2170069.101
- 10.2.3.2	Resistance to abnormal heat and fire due to internal electric effects	
- 10.2.101	Ability to withstand mechanichal loads	
- 10.4	Clearances and creepagedistance	
- 10.5	Protection against electric shock and integrity of protective circuits	
- 10.9	Dielectric proprieties	
- 10.10.2.3.5	Verification of temperature-rise limits of BT run	
- 10.11	Short-circuit withstand strength	

Dott. Sandro Bergamo
Managing Director
DKC Power Solutions S.r.l.

Doc. No. Dich. CE serie LT Rev.: 00 del 02/11/2021

** DKC Power Solutions S.r.l. specifica che i certificati relativi ai sistemi di gestione (norme ISO) sono disponibili sul sito www.dkcpower.com
** *DKC Power Solutions S.r.l. declare that the management system certification (ISO Standard) are available at www.dkcpower.com*

SEDE AMMINISTRATIVA
DKC Power Solutions S.r.l.
Via per Airuno, 19 - 23883 Brivio (LC)
Tel +39 0321 986898 - mail: info@dkcpower.com

SEDE LEGALE
DKC Power Solutions S.r.l.
Via Cesare Pavese, 9 - 00144 Roma (RM)
P.IVA - C.F. - EU Vat: 03559090132
REA MI 1492666 - Cap. Soc. 4.450.000 € i.v.

Of Lightech product
Di prodotto Lightech

KEMA Quality

TEST CERTIFICATE

Issued to:	DKC Europe s.r.l. Via Largа 15 20100 Milano (MI) - Italy
For the product:	Low-voltage busbar trunking system
Trade name:	DKC Europe s.r.l.
Type/Model:	Lightech Busbar Trunking System 25 A Straight Element
Ratings:	I_n 25 A, U_i 400 V, U_i 690 V, U_{imp} 6 kV, I_{cw} 3,1 kA – 0,1 s For more details see annex
Manufactured by:	DKC Europe s.r.l. Via Largа 15 20100 Milano (MI) - Italy
Subject:	Design verification
Requirements:	IEC 61439-6: 2012 Clauses: 10.2.2, 10.2.3, 10.2.101, 10.4, 10.5, 10.9, 10.10, 10.11
Remarks:	-

This Test Certificate is granted on account of an examination by DEKRA, the results of which are laid down in report no. 2170069.01-INC, dated 6 August 2015.

The examination has been carried out on one single specimen of the product, submitted by the manufacturer. The Attestation does not include an assessment of the manufacturer's production. Conformity of his production with the specimen tested by DEKRA is not the responsibility of DEKRA.

Arnhem, 6 August 2015 — Number: 2170069.100

DEKRA Certification B.V.

H.R.M. Barends
Certification Manager

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DEKRA Certification B.V. Meander 1051, 6825 MJ Arnhem P.O. Box 5185, 6802 ED Arnhem, The Netherlands
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DEKRA

25A

KEMA Quality

TEST CERTIFICATE

Issued to:	DKC Europe s.r.l. Via Largа 15 20100 Milano (MI) - Italy
For the product:	Low-voltage busbar trunking system
Trade name:	DKC Europe s.r.l.
Type/Model:	Lightech Busbar Trunking System 40 A Straight Element
Ratings:	I_n 40 A, U_i 400 V, U_i 690 V, U_{imp} 6 kV, I_{cw} 3,1 kA – 0,1 s For more details see annex
Manufactured by:	DKC Europe s.r.l. Via Largа 15 20100 Milano (MI) - Italy
Subject:	Design verification
Requirements:	IEC 61439-6: 2012 Clauses: 10.2.2, 10.2.3, 10.2.101, 10.4, 10.5, 10.9, 10.10, 10.11
Remarks:	-

This Test Certificate is granted on account of an examination by DEKRA, the results of which are laid down in report no. 2170069.02-INC, dated 6 August 2015.

The examination has been carried out on one single specimen of the product, submitted by the manufacturer. The Attestation does not include an assessment of the manufacturer's production. Conformity of his production with the specimen tested by DEKRA is not the responsibility of DEKRA.

Arnhem, 6 August 2015 — Number: 2170069.101

DEKRA Certification B.V.

H.R.M. Barends
Certification Manager

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DEKRA Certification B.V. Meander 1051, 6825 MJ Arnhem P.O. Box 5185, 6802 ED Arnhem, The Netherlands
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DEKRA

40A

Busbar 25-40A
Condotti sbarre 25-40A

Data sheet
Scheda Tecnica

GENERAL CHARACTERISTICS CARATTERISTICHE GENERALI				VALUES VALORI 25	 40
Compliance with Standard Conforme a standard	Ref.			IEC/EN 61439-6	
Rated Operational Current (40° C) Corrente operativa nominale (40° C)		Inc	A	25	40
Rated operating voltage Tensione operativa nominale		Ue	V	400	
Rated insulation voltage Tensione nominale di isolamento		Ui	V	690	
Rated Frequency Frequenza nominale		f	Hz	50	
Pollution Degree Grado di inquinamento	7.1.3			2 = Only non-conductive pollution occurs except that occasionally a temporary conductivity caused by condensation is to be expected 2 = Presenza di solo inquinamento non conduttore; occasionalmente si può verificare una conducibilità temporanea provocata dalla condensazione	
Resistance to corrosion Resistenza alla corrosione	10.2.2	Test		Severity A	
Ability to withstand mechanical loads Capacità di sopportare carichi meccanici	10.2.101			Normal Loads	
Protection Degree Grado di protezione	10.3	IP		55	
Short Circuit Withstand Current Cortocircuito Corrente	10.11	Icw-t	kA-s	3,1 - 0,1	
Short Circuit Peak Current Cortocircuito Corrente di picco	10.11	Ipk	kA	4,65	

CONDUCTORS CHARACTERISTICS CARATTERISTICHE CONDUTTORI				VALUES VALORI 25	 40
Average Resistance at ambience temperature (20°C) Resistenza media a temperatura ambiente (20°C)	Annex B-B	R20	mΩ/m	5,694	2,687
Average Resistance at Inc and 35°C (50 Hz) Resistenza media a Inc e 35°C (50 Hz)		R1	mΩ/m	7,095	3,490
Average Reactance at Inc and 35°C (50 Hz) Reattanza media a Inc e 35°C (50 Hz)		X1	mΩ/m	0,168	0,148
Average Impedance at Inc and 35°C (50 Hz) Media impedenza a Inc e 35°C (50 Hz)		Z1	mΩ/m	7,097	3,493

FAULT LOOP CHARACTERISTICS CARATTERISTICHE DEL LOOP DI GUASTO				VALUES VALORI 25	 40
Average Resistance at Inc and 35°C Ph-N Resistenza media a Inc e 35°C Ph-N	Annex C-C	R0 ph/N	mΩ/m	32,521	14,614
Average Reactance at Inc and 35°C Ph-N Reattanza media a Inc e 35°C Ph-N		X0 ph/N	mΩ/m	0,894	0,736
Average Impedance at Inc and 35°C Ph-N Media impedenza a Inc e 35°C Ph-N		Z0 ph/N	mΩ/m	32,534	14,633
Average Resistance at Inc and 35°C Ph-PE Resistenza media a Inc e Ph-PE a 35°C		R0 ph/PE	mΩ/m	11,004	5,444
Average Reactance at Inc and 35°C Ph-PE Reattanza media a Inc e 35°C Ph-PE		X0 ph/PE	mΩ/m	0,401	0,329
Average Impedance at Inc and 35°C Ph-PE Media impedenza a Inc e 35 ° C Ph-PE		Z0 ph/PE	mΩ/m	11,011	5,454

IMPEDENCE METHOD METODO DI IMPEDENZA				VALUES VALORI 25	 40
Average Resistance at 20°C Ph-N Resistenza media a 20°C Ph-N	Annex D-D	Rb20 ph/N	mΩ/m	12,837	6,020
Average Resistance at 20°C Ph-PE Resistenza media a 20°C di Ph-PE		Rb20 ph/PE	mΩ/m	7,063	3,413
Average Resistance at Inc and 35°C Ph-N Resistenza media a Inc e 35°C Ph-N		Rb ph/N	mΩ/m	15,994	7,818
Average Resistance at Inc and 35°C Ph-PE Resistenza media a Inc e Ph-PE a 35 ° C		Rb ph/PE	mΩ/m	8,800	4,432
Average Reactance at Inc and 35°C Ph-N Reattanza media a Inc e 35°C Ph-N		Xb ph/N	mΩ/m	0,393	0,346
Average Reactance at Inc and 35°C Ph-PE Reattanza media a Inc e 35°C Ph-PE		Xb ph/PE	mΩ/m	0,237	0,216

Busbar 25-40A
Condotti sbarre 25-40A

Data sheet
Scheda Tecnica

VOLTAGE DROP WITH DISTRIBUTED LOAD CADUTA DI TENSIONE CON CARICO DISTRIBUITO				VALUES VALORI 25	 40
Cosφ = 0,7	Annex A-A	ΔV	mV/m/A	4,400	2,204
Cosφ = 0,75		ΔV	mV/m/A	4,699	2,349
Cosφ = 0,8		ΔV	mV/m/A	4,997	2,492
Cosφ = 0,85		ΔV	mV/m/A	5,293	2,633
Cosφ = 0,90		ΔV	mV/m/A	5,587	2,773
Cosφ = 0,95		ΔV	mV/m/A	5,876	2,908
Cosφ = 1		ΔV	mV/m/A	6,137	3,019

TECHNICAL CHARACTERISTICS CARATTERISTICHE TECNICHE		VALUES VALORI 25	 40
Conductors Conduttori		Cu ETP 99.9	
Casing - extruded aluminium Involucro - Alluminio estruso			
Casing - thickness Involucro - spessore	mm	1	1
External Dimensions W x H Dimensioni esterne	mm	60 x 20	60 x 20
Conductor Bar Size Diametro conduttori	mm	Ø 1,8	Ø 2,8
Cross-section of Phase / Neutral Sezione del conduttore Fase / Neutro	mm^2	2,54	6,15
Cross-section of Protection Earthing conductor Sezione del conduttore di terra	mm^2	153,37	153,37
Cross-section of Protection Conductor (=Cu) Sezione del conduttore di protezione	mm^2	92,96	92,96

EXTERNAL DIMENSIONS W X H DIMENSIONI ESTERNE B X H		VALUES VALORI 25	 40
2P 4P 6P	mm	20 x 60	
2P + 2P 4P + 4P 4P + 2P 6P + 2P 6P + 6P	mm	40 x 60	

WEIGHT PESO		VALUES VALORI 25	 40
2P	Kg/m	0,635	0,744
4P	Kg/m	0,676	0,840
6P	Kg/m	0,756	0,874
2P + 2P	Kg/m	1,271	1,489
4P + 4P	Kg/m	1,353	1,680
4P + 2P	Kg/m	1,312	1,584
6P + 2P	Kg/m	1,391	1,628
6P + 6P	Kg/m	1,512	1,749

METEL coding
Codifica METEL

CODICE CODE	BARCODE BARCODE	DESCRIZIONE DESCRIPTION
LTC25ASP41AA000	8033603190795	2P 25A CU - El. rett. 3m - 2 der.
LTC25ASP42AA000	8033603190801	2P 25A CU - El. rett. 3m - 1 der.
LTC25ASP43AA000	8033603190818	2P 25A CU - El. rett. 3m - 3 der.
LTC25ASP44AA000	8033603190825	2P 25A CU - El. rett. 1m - 1 der.
LTC25BSP41AA000	8033603190832	2P+2P 25A CU - El. rett. 3m - 2 der.
LTC25BSP42AA000	8033603190849	2P+2P 25A CU - El. rett. 3m - 1 der.
LTC25BSP43AA000	8033603190856	2P+2P 25A CU - El. rett. 3m - 3 der.
LTC25BSP44AA000	8033603190863	2P+2P 25A CU - El. rett. 1m - 1 der.
LTC25DCFE1AA000	8033603330306	2P/4P 25A CU - Alim. Centrale
LTC25DFED3AA000	8033603190870	2P/4P 25A CU - Alim. + chi. tipo 1
LTC25DFED4AA000	8033603190887	2P/4P 25A CU - Alim. + chi. tipo 2
LTC25DFLXJAA000	8033603190894	2P/4P 25A CU - Giunto flessibile
LTC25DSP41AA000	8033603190900	4P 25A CU - El. rett. 3m - 2 der.
LTC25DSP42AA000	8033603190917	4P 25A CU - El. rett. 3m - 1 der.
LTC25DSP43AA000	8033603190924	4P 25A CU - El. rett. 3m - 3 der.
LTC25DSP44AA000	8033603190931	4P 25A CU - El. rett. 1m - 1 der.
LTC25FCFE1AA000	8033603330337	4P+4P 25A CU - Alim. Centrale
LTC25FFED3AA000	8033603190948	4P+4P 25A CU - Alim. + chi. tipo 1
LTC25FFED4AA000	8033603190955	4P+4P 25A CU - Alim. + chi. tipo 2
LTC25FFLXJAA000	8033603190962	4P+4P 25A CU - Giunto flessibile
LTC25FSP41AA000	8033603190979	4P+4P 25A CU - El. rett. 3m - 2 der.
LTC25FSP42AA000	8033603190986	4P+4P 25A CU - El. rett. 3m - 1 der.
LTC25FSP43AA000	8033603190993	4P+4P 25A CU - El. rett. 3m - 3 der.
LTC25FSP44AA000	8033603191006	4P+4P 25A CU - El. rett. 1m - 1 der.
LTC25LCFE1AA000	8033603330320	6P 25A CU - Alim. Centrale
LTC25LFED3AA000	8033603191013	6P 25A CU - Alim. + chi. tipo 1
LTC25LFED4AA000	8033603191020	6P 25A CU - Alim. + chi. tipo 2
LTC25LFLXJAA000	8033603191037	6P 25A CU - Giunto flessibile
LTC25LSP41AA000	8033603191044	6P 25A CU - El. rett. 3m - 2 der.
LTC25LSP42AA000	8033603191051	6P 25A CU - El. rett. 3m - 1 der.
LTC25LSP43AA000	8033603191068	6P 25A CU - El. rett. 3m - 3 der.
LTC25LSP44AA000	8033603191075	6P 25A CU - El. rett. 1m - 1 der.
LTC25MCFE1AA000	8033603330344	6P+6P 25A CU - Alim. Centrale
LTC25MFED3AA000	8033603191082	6P+6P 25A CU - Alim. + chi. tipo 1
LTC25MFED4AA000	8033603191099	6P+6P 25A CU - Alim. + chi. tipo 2
LTC25MFLXJAA000	8033603191105	6P+6P 25A CU - Giunto flessibile
LTC25MSP41AA000	8033603191112	6P+6P 25A CU - El. rett. 3m - 2 der.
LTC25MSP42AA000	8033603191129	6P+6P 25A CU - El. rett. 3m - 1 der.
LTC25MSP43AA000	8033603191136	6P+6P 25A CU - El. rett. 3m - 3 der.
LTC25MSP44AA000	8033603191143	6P+6P 25A CU - El. rett. 1m - 1 der.
LTC25NSP41AA000	8033603191150	4P+2P 25A CU - El. rett. 3m - 2 der.
LTC25NSP42AA000	8033603191167	4P+2P 25A CU - El. rett. 3m - 1 der.
LTC25NSP43AA000	8033603191174	4P+2P 25A CU - El. rett. 3m - 3 der.
LTC25NSP44AA000	8033603191181	4P+2P 25A CU - El. rett. 1m - 1 der.
LTC25KSP41AA000	8033603946064	6P+2P 25A CU - El. rett. 3m - 2 der.
LTC25KSP42AA000	8033603946071	6P+2P 25A CU - El. rett. 3m - 1 der.
LTC25KSP43AA000	8033603946088	6P+2P 25A CU - El. rett. 3m - 3 der.
LTC25KSP44AA000	8033603946095	6P+2P 25A CU - El. rett. 1m - 1 der.
LTC40ASP41AA000	8033603191198	2P 40A CU - El. rett. 3m - 2 der.
LTC40ASP42AA000	8033603191204	2P 40A CU - El. rett. 3m - 1 der.
LTC40ASP43AA000	8033603191211	2P 40A CU - El. rett. 3m - 3 der.
LTC40ASP44AA000	8033603191228	2P 40A CU - El. rett. 1m - 1 der.
LTC40BSP41AA000	8033603191235	2P+2P 40A CU - El. rett. 3m - 2 der.
LTC40BSP42AA000	8033603191242	2P+2P 40A CU - El. rett. 3m - 1 der.
LTC40BSP43AA000	8033603191259	2P+2P 40A CU - El. rett. 3m - 3 der.
LTC40BSP44AA000	8033603191266	2P+2P 40A CU - El. rett. 1m - 1 der.
LTC40DCFE1AA000	8033603330351	2P/4P 40A CU - Alim. Centrale
LTC40DFED3AA000	8033603191273	2P/4P 40A CU - Alim. + chi. tipo 1
LTC40DFED4AA000	8033603191280	2P/4P 40A CU - Alim. + chi. tipo 2
LTC40DFLXJAA000	8033603191297	2P/4P 40A CU - Giunto flessibile
LTC40DSP41AA000	8033603191303	4P 40A CU - El. rett. 3m - 2 der.
LTC40DSP42AA000	8033603191310	4P 40A CU - El. rett. 3m - 1 der.
LTC40DSP43AA000	8033603191327	4P 40A CU - El. rett. 3m - 3 der.
LTC40DSP44AA000	8033603191334	4P 40A CU - El. rett. 1m - 1 der.
LTC40FCFE1AA000	8033603330375	4P+4P 40A CU - Alim. Centrale
LTC40FFED3AA000	8033603191341	4P+4P 40A CU - Alim. + chi. tipo 1
LTC40FFED4AA000	8033603191358	4P+4P 40A CU - Alim. + chi. tipo 2
LTC40FFLXJAA000	8033603191365	4P+4P 40A CU - Giunto flessibile
LTC40FSP41AA000	8033603191372	4P+4P 40A CU - El. rett. 3m - 2 der.
LTC40FSP42AA000	8033603191389	4P+4P 40A CU - El. rett. 3m - 1 der.
LTC40FSP43AA000	8033603191396	4P+4P 40A CU - El. rett. 3m - 3 der.
LTC40FSP44AA000	8033603191402	4P+4P 40A CU - El. rett. 1m - 1 der.
LTC40LCFE1AA000	8033603330368	6P 40A CU - Alim. Centrale
LTC40LFED3AA000	8033603191419	6P 40A CU - Alim. + chi. tipo 1
LTC40LFED4AA000	8033603191426	6P 40A CU - Alim. + chi. tipo 2
LTC40LFLXJAA000	8033603191433	6P 40A CU - Giunto flessibile
LTC40LSP41AA000	8033603191440	6P 40A CU - El. rett. 3m - 2 der.
LTC40LSP42AA000	8033603191457	6P 40A CU - El. rett. 3m - 1 der.
LTC40LSP43AA000	8033603191464	6P 40A CU - El. rett. 3m - 3 der.
LTC40LSP44AA000	8033603191471	6P 40A CU - El. rett. 1m - 1 der.
LTC40MCFE1AA000	8033603330382	6P+6P 40A CU - Alim. Centrale
LTC40MFED3AA000	8033603191488	6P+6P 40A CU - Alim. + chi. tipo 1
LTC40MFED4AA000	8033603191495	6P+6P 40A CU - Alim. + chi. tipo 2
LTC40MFLXJAA000	8033603191501	6P+6P 40A CU - Giunto flessibile
LTC40MSP41AA000	8033603191518	6P+6P 40A CU - El. rett. 3m - 2 der.
LTC40MSP42AA000	8033603191525	6P+6P 40A CU - El. rett. 3m - 1 der.
LTC40MSP43AA000	8033603191532	6P+6P 40A CU - El. rett. 3m - 3 der.
LTC40MSP44AA000	8033603191549	6P+6P 40A CU - El. rett. 1m - 1 der.
LTC40NSP41AA000	8033603191556	4P+2P 40A CU - El. rett. 3m - 2 der.
LTC40NSP42AA000	8033603191563	4P+2P 40A CU - El. rett. 3m - 1 der.
LTC40NSP43AA000	8033603191570	4P+2P 40A CU - El. rett. 3m - 3 der.
LTC40NSP44AA000	8033603191587	4P+2P 40A CU - El. rett. 1m - 1 der.
LTC40KSP41AA000	8033603946118	6P+2P 40A CU - El. rett. 3m - 2 der.
LTC40KSP42AA000	8033603946125	6P+2P 40A CU - El. rett. 3m - 1 der.
LTC40KSP43AA000	8033603946132	6P+2P 40A CU - El. rett. 3m - 3 der.
LTC40KSP44AA000	8033603946149	6P+2P 40A CU - El. rett. 1m - 1 der.
LTN70APP01AA000	8033603191600	Sp. prec. 10A N/L1 - 0,8m H05Z1Z1F
LTN70APP02AA000	8033603191617	Sp. prec. 10A N/L2 - 0,8m H05Z1Z1F
LTN70APP03AA000	8033603191624	Sp. prec. 10A N/L3 - 0,8m H05Z1Z1F
LTN70APP04AA000	8033603191631	Sp. prec. 10A L2/L3 - 0,8m H05Z1Z1F
LTN70APP05AA000	8033603191648	Sp. prec. 10A N/L1+L4/L5 - 0,8m H05Z1Z1F
LTN70APP06AA000	8033603191655	Sp. prec. 10A N/L2+L4/L5 - 0,8m H05Z1Z1F
LTN70APP07AA000	8033603191662	Sp. prec. 10A N/L3+L4/L5 - 0,8m H05Z1Z1F
LTN70APP08AA000	8033603191679	Sp. prec. 10A L2/L3+L4/L5 - 0,8m H05Z1Z1F
LTN70APP09AA000	8033603191686	Sp. prec. 10A N/L1/L2/L3 - 0,8m H05Z1Z1F
LTN70APP10AA000	8033603254664	Sp. prec. 10A L4/L5 - 0,8m H05Z1Z1F
LTN70APP11AA000	8033603191693	Sp. prec. 10A N/L1 - 3m H05Z1Z1F
LTN70APP12AA000	8033603191709	Sp. prec. 10A N/L2 - 3m H05Z1Z1F

METEL coding
Codifica METEL

CODICE CODE	BARCODE BARCODE	DESCRIZIONE DESCRIPTION
LTN70APP13AA000	**8033603191716**	Sp. prec. 10A N/L3 - 3m H05Z1Z1F
LTN70APP14AA000	**8033603191723**	Sp. prec. 10A L2/L3 - 3m H05Z1Z1F
LTN70APP15AA000	**8033603191730**	Sp. prec. 10A N/L1+L4/L5 - 3m H05Z1Z1F
LTN70APP16AA000	**8033603191747**	Sp. prec. 10A N/L2+L4/L5 - 3m H05Z1Z1F
LTN70APP17AA000	**8033603191754**	Sp. prec. 10A N/L3+L4/L5 - 3m H05Z1Z1F
LTN70APP18AA000	**8033603191761**	Sp. prec. 10A L2/L3+L4/L5 - 3m H05Z1Z1F
LTN70APP19AA000	**8033603191778**	Sp. prec. 10A N/L1/L2/L3 - 3m H05Z1Z1F
LTN70APP20AA000	**8033603254671**	Sp. prec. 10A L4/L5 - 3m H05Z1Z1F
LTN70APP21AA000	**8033603191785**	Sp. prec. 10A N/L1 - 0,8m FG7(0)M1
LTN70APP22AA000	**8033603191792**	Sp. prec. 10A N/L2 - 0,8m FG7(0)M1
LTN70APP23AA000	**8033603191808**	Sp. prec. 10A N/L3 - 0,8m FG7(0)M1
LTN70APP24AA000	**8033603191815**	Sp. prec. 10A L2/L3 - 0,8m FG7(0)M1
LTN70APP30AA000	**8033603254688**	Sp. prec. 10A L4/L5 - 0,8m FG7(0)M1
LTN70APP31AA000	**8033603191822**	Sp. prec. 10A N/L1 - 3m FG7(0)M1
LTN70APP32AA000	**8033603191839**	Sp. prec. 10A N/L2 - 3m FG7(0)M1
LTN70APP33AA000	**8033603191846**	Sp. prec. 10A N/L3 - 3m FG7(0)M1
LTN70APP34AA000	**8033603191853**	Sp. prec. 10A L2/L3 - 3m FG7(0)M1
LTN70APP40AA000	**8033603254695**	Sp. prec. 10A L4/L5 - 3m FG7(0)M1
LTN70APP41AA000	**8033603889569**	Sp. prec. 10A N/L1 - 0,8m FG16(0)M1
LTN70APP42AA000	**8033603889576**	Sp. prec. 10A N/L2 - 0,8m FG16(0)M1
LTN70APP43AA000	**8033603808706**	Sp. prec. 10A N/L3 - 0,8m FG16(0)M1
LTN70APP44AA000	**8033603889583**	Sp. prec. 10A L2/L3 - 0,8m FG16(0)M1
LTN70APP50AA000	**8033603889590**	Sp. prec. 10A L4/L5 - 0,8m FG16(0)M1
LTN70APP51AA000	**8033603889606**	Sp. prec. 10A N/L1 - 3m FG16(0)M1
LTN70APP52AA000	**8033603889613**	Sp. prec. 10A N/L2 - 3m FG16(0)M1
LTN70APP53AA000	**8033603889620**	Sp. prec. 10A N/L3 - 3m FG16(0)M1
LTN70APP54AA000	**8033603808713**	Sp. prec. 10A L2/L3 - 3m FG16(0)M1
LTN70APP60AA000	**8033603889637**	Sp. prec. 10A L4/L5 - 3m FG16(0)M1
LTN70APS01AA000	**8033603191860**	Sp. sel. 16A N/L senza fus.
LTN70APS02AA000	**8033603191877**	Sp. sel. 16A N/L con fus.
LTN70APS03AA000	**8033603191884**	Sp. sel. 6,3A N/L con fus.
LTN70APS04AA000	**8033603191891**	Sp. sel. 16A N/L+L4/L5 senza fus.
LTN70APS05AA000	**8033603191907**	Sp. sel. 16A N/L+L4/L5 con fus.
LTN70APS06AA000	**8033603191914**	Sp. sel. 6,3A N/L+L4/L5 con fus.
LTN70APS07AA000	**8033603191921**	Sp. sel. 6,3A N/L fus. 3x1 0,8m H05Z1Z1F
LTN70APS08AA000	**8033603191938**	Sp. sel. 6,3A N/L+L4/L5 fus. 0,8m H05Z1Z1F
LTN70APS09AA000	**8033603191945**	Sp. sel. 6,3A N/L fus. 0,8m FG7(0)M1
LTN70APS10AA000	**8033603191952**	Sp. sel. 6,3A N/L+L4/L5 fus. 0,8m FG7(0)M1
LTN70APS19AA000	**8033603889644**	Sp. sel. 6,3A N/L fus. 0,8m FG16(0)M1
LTN70APS20AA000	**8033603889651**	Sp. sel. 6,3A N/L+L4/L5 fus. 0,8m FG16(0)M1
LTN70PFIU2AA000	**8033603191976**	Staffa filo singolo
LTN70PFIU3AA000	**8033603191983**	Staffa universale singolo
LTN70PFIU7AA000	**8033603192003**	Staffa blocca cavo singolo
LTN70PFIU8AA000	**8033603407008**	Staffa semplice Alluminio Singola
LTN70QFIU2AA000	**8033603192027**	Staffa filo doppio
LTN70QFIU3AA000	**8033603192034**	Staffa universale doppio
LTN70QFIU7AA000	**8033603192058**	Staffa blocca cavo doppio
LTN70QFIU8AA000	**8033603407015**	Staffa semplice Alluminio Doppia
LTN70ZFIU4AA000	**8033603192119**	Staffa universale per canalina
LTN70ZFIU6AA000	**8033603192065**	Gancio aperto
LTN70ZMC01AA000	**8033603192072**	Cont. mobile 16A - N senza fusibile
LTN70ZMC02AA000	**8033603192089**	Cont. mobile 16A - Fase senza fusibile
LTN70ZMC03AA000	**8033603192096**	Cont. mobile 16A - Fase con fusibile
LTN70ZMC04AA000	**8033603192102**	Cont. mobile 6,3A - Fase con fusibile

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