

Current distribution

Linergy busbars up to 1600 A

Choice of Linergy busbars



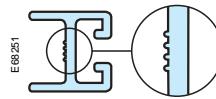
The following table indicates:

- different models of Linergy busbars to use as a function of the current rating of the incoming device
- the number of supports to use as a function of the rated short-time withstand current I_{cw} (kA rms/1s).

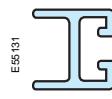
Catalogue numbers

Incomer (A)	1 busbar for cubicle with		Number of supports as a function of rated short-time withstand current I_{cw} (kA rms/1s)						
	IP ≤ 30	IP ≥ 31	25	30	39	52	60	66	85
570		07361	3						
630	07361		3						
630		07362	3	3					
750	07362	07362	3	3					
800	07362		3	3					
800		07363	3	3	3				
900	07363	07363	3	3	3				
1000	07363		3	3	3				
1000		07364	3	3	3	3	3	3	
1050	07364	07364	3	3	3	3	3	3	
1250	07364		3	3	3	3	3	3	
1250		07365	3	3	3	3	3	4	6
1450	07365	07365	3	3	3	3	3	4	6
1600	07365		3	3	3	3	3	4	6

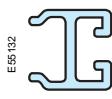
Note: When the supply to the switchboard is made via cables directly to the Linergy busbars, add a busbar support.



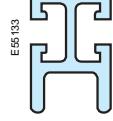
Linergy 630 busbars.
Cat. No. : 07361



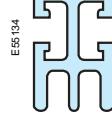
Linergy 800 busbars.
Cat. No. : 07362



Linergy 1000 busbars.
Cat. No. : 07363



Linergy 1250 busbars.
Cat. No. : 07364



Linergy 1600 busbars.
Cat. No. : 07365

Nuts and bolts



Set of 20 bolts

(Bolt L = 23 + nut + contact washer)
for connection with cable lugs

Cat. No.
07368

Set of twenty brass washers for lugs

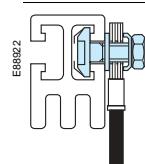
07358

(Bolt L = 23 + nut + contact washer)
for connection with copper bars

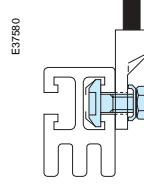
07369

(Bolt L = 23 + nut + contact washer)
for connection with copper straps

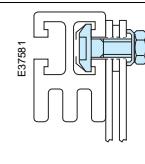
07370



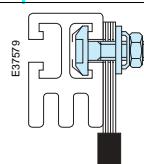
07358



07368



07369



07370

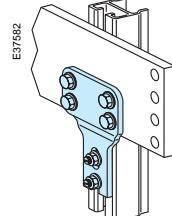
1000/1600 A connection



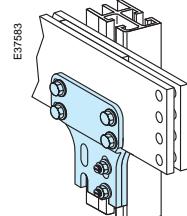
07407



07408



Prefabricated connection 1000 A.



Prefabricated connection 1600 A.

Prefabricated copper connections for connecting horizontal busbars, on 75 mm centres, to vertical Linergy busbars. Supplied with mounting hardware.

Description

1 connection Linergy 1000 A horizontal busbars

Cat. No.
07407

1 connection Linergy 1600 A horizontal busbars

07408

PE conductors



The PE conductor comprises:

- a Linergy busbar
- 3 brackets for direct connection to cable tie bars
- 20 connection points for Linergy busbars
- 1 PE marker.

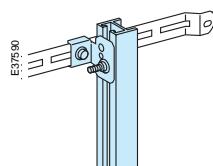
Compatible protective conductor for a switchboard up to an I_{cw} 85 kA rms/1 s

Description

Conducteur PE

Cat. No.

07428



PE conductor.

PEN conductors



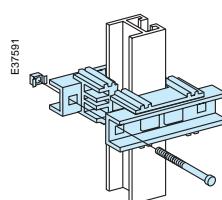
The PEN conductor installation kit includes a set of 3 insulated supports that can be secured to the cable tie bars. The kit comes with labels and a neutral disconnecting device.

Description

Installation kit for PEN conductor

Cat. No.

07429



PEN conductors.

Phase markers

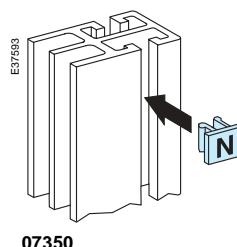


Description

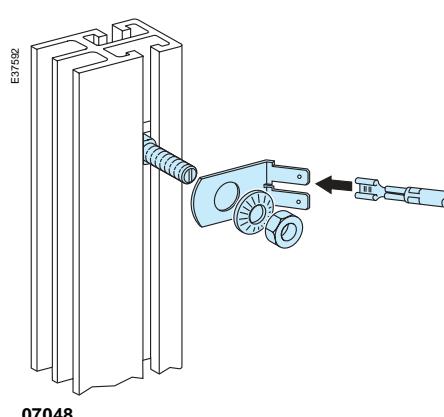
Set of 12 phase markers
(12 clip-on supports + étiquettes N, L1, L2, L3, L+, L-, PE, PEN)

Cat. No.

07350

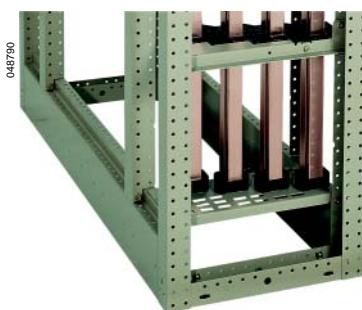
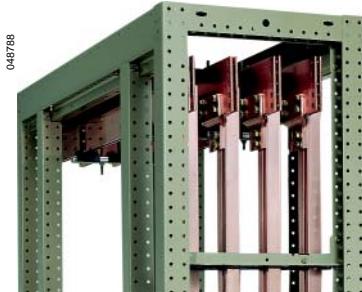


Tab connectors



See page 120E_5_0330.

Choice of Linergy supports



Incoming device:

Compact circuit breaker

Masterpact NT 06/16 circuit breaker

■ Cubicle types:

- Prisma P, depth = 400 mm

- Prisma PH, depth = 500 mm.

Busbar layout



Linergy busbars

Description

Linergy busbars supports for Prisma

Cat. No.

P, D = 400 **07371**

PH, D = 500 **07490**

Linergy bottom support for Prisma

P, D = 400 **07373**

PH, D = 500 **07492**

Transfer busbar support

The bars are secured to 2 cross-members by 2 insulated supports.

Description

Set of 2 side cross-members

Cat. No.

07424

Insulated support

2 x 07413

Support de queues de barres

Les barres sont bridées sur un longeron par l'intermédiaire d'un support isolant.

Description

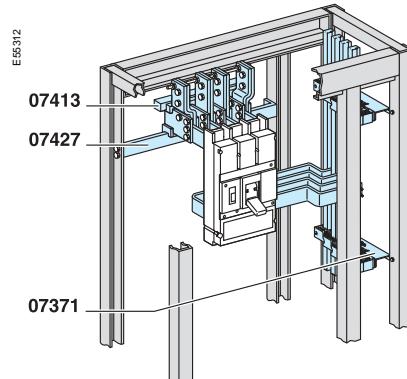
1 rear cross-members

Cat. No.

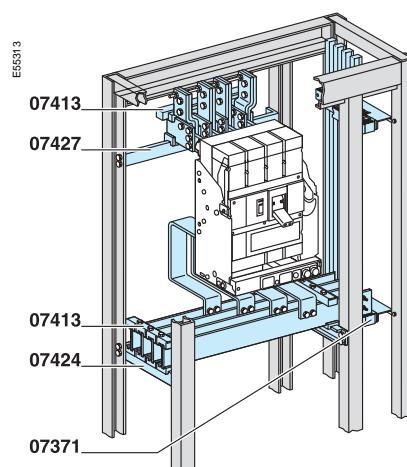
07427

Insulated support

07413

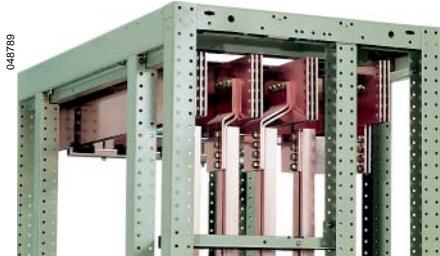


Linergy busbars, supplied directly by a fixed Compact circuit breaker.



Linergy busbars, supplied by a Compact withdrawable circuit breaker via transfer busbars.

Choice of Linergy supports



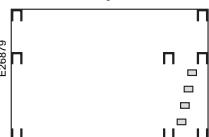
Incoming device:

Masterpact NW 08/16 circuit breaker (1600 A)

Cubicle type:

- Prisma P, depth = 600 mm
- Prisma PH, depth = 700 mm.

Busbar layout



Linergy busbars

Description	Cat. No.
Linergy busbars supports for Prisma	P, D = 600 (1) 07371 PH, D = 700 07491
Linergy bottom support for Prisma	P, D = 600 07374 PH, D = 700 07493
(1) Linergy busbar supports should be mounted on a functional upright installed in the duct.	

Description	Cat. No.
Set of 2 functional uprights	09625

Transfer busbar support

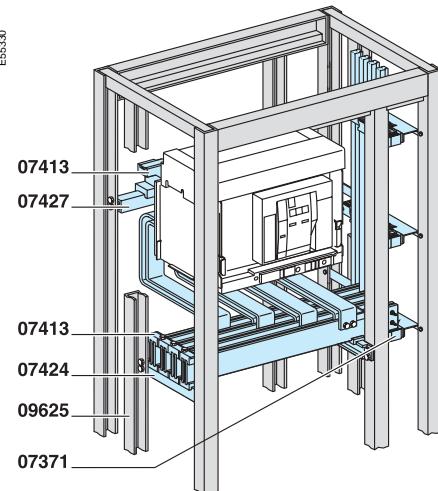
The bars are secured to 2 cross-members by 2 insulated supports.

Description	Cat. No.
Set of 2 side cross-members	07424
Insulated support	2 x 07413

Terminal extension bar support

The bars are secured to a rear cross-member by an insulated support

Description	Cat. No.
1 rear cross-members	07427
Insulated support	07413



Linergy busbars, supplied by a 1600 A Masterpact NW16 drawout circuit breaker via transfer busbars.