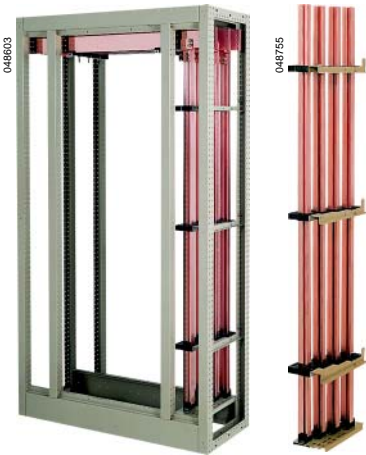


# Current distribution

## Linery 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

In 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		
1050	07364	07364	3	3	3	3	3		
1250	07364		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.



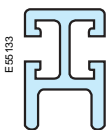
Linergy 630 busbars.  
Cat. No. : 07361



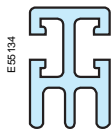
Linergy 800 busbars.  
Cat. No. : 07362



Linergy 1000 busbars.  
Cat. No. : 07363



Linergy 1250 busbars.  
Cat. No. : 07364

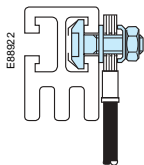


Linergy 1600 busbars.  
Cat. No. : 07365

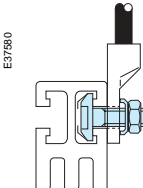
### Nuts and bolts



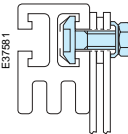
Set of 20 bolts (Bolt L = 23 + nut + contact washer) for connection with cable lugs	Cat. No.
Set of twenty brass washers for lugs (Bolt L = 23 + nut + contact washer) for connection with copper bars	07368
(Bolt L = 23 + nut + contact washer) for connection with copper straps	07358
(Bolt L = 23 + nut + contact washer) for connection with copper straps	07369
	07370



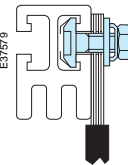
07358



07368



07369



07370

### 1000/1600 A connection

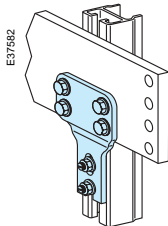


07407

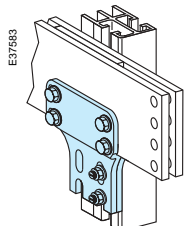
07408

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

Description	Cat. No.
1 connection Linergy 1000 A horizontal busbars	07407
1 connection Linergy 1600 A horizontal busbars	07408



Prefabricated connection 1000 A.



Prefabricated connection 1600 A.

### PE conductors

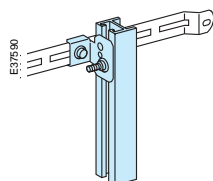


The PE conductor comprises:

- 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 Icw 85 kA rms/1 s**

Description	Cat. No.
Conducteur PE	07428



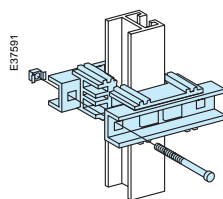
PE conductor.

### PEN conductors



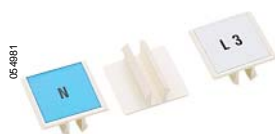
The PEN conductor installation kit includes a set of 3 insulated supports that can be secured to the cable tie bars. The kit comes with labels and a neutral disconnecting device.

Description	Cat. No.
Installation kit for PEN conductor	07429



PEN conductors.

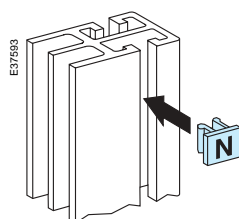
### Phase markers



#### Description

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

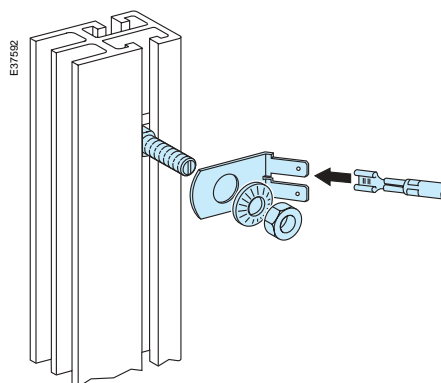
**Cat. No.**  
07350



07350

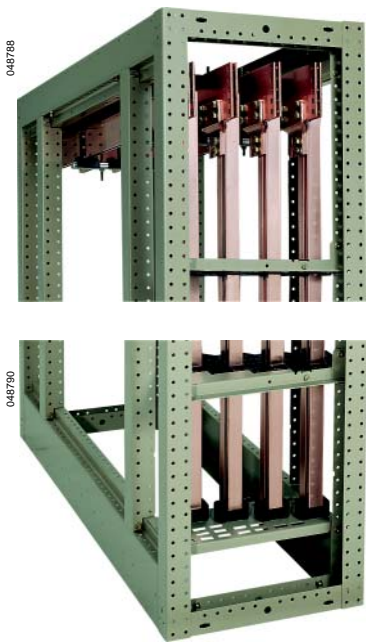
### Tab connectors

See page 120E\_5\_0330.



07048

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		Cat. No.
Linergy busbars supports for Prisma	P, D = 400	07371
	PH, D = 500	07490
Linergy bottom support for Prisma	P, D = 400	07373
	PH, D = 500	07492

Transfer busbar support

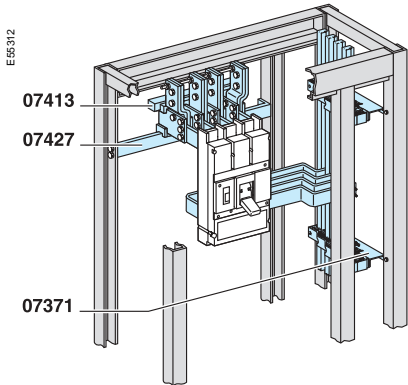
The bars are secured to 2 cross-members by 2 insulated supports.

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

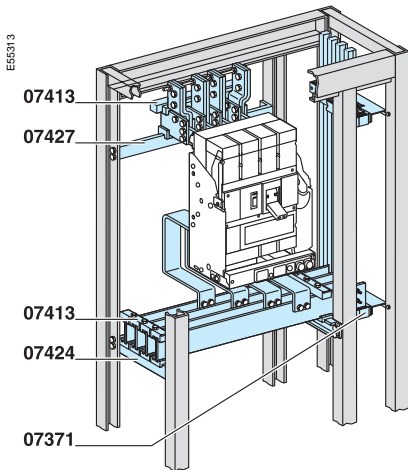
Support de queues de barres

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

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

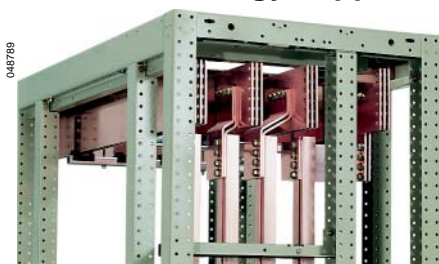


Linergy busbars, supplied directly by a fixed Compact circuit breaker.



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

### Choice of Linergy supports



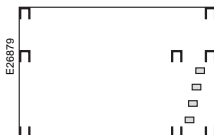
#### Incoming device:

**Masterpact NW 08/16 circuit breaker (1600 A)**

#### Cubicle type:

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

#### Busbar layout



#### Linery busbars

Description		Cat. No.
Linery busbars supports for Prisma	P, D = 600 (1)	<b>07371</b>
	PH, D = 700	<b>07491</b>
Linery bottom support for Prisma	P, D = 600	<b>07374</b>
	PH, D = 700	<b>07493</b>

(1) Linergy busbar supports should be mounted on a functional upright installed in the duct.

Description	Cat. No.
Set of 2 functional uprights	<b>09625</b>

#### Transfer busbar support

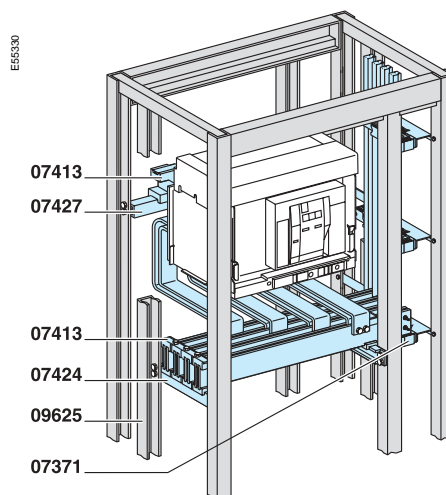
The bars are secured to 2 cross-members by 2 insulated supports.

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

#### Terminal extension bar support

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

Description	Cat. No.
1 rear cross-members	<b>07427</b>
Insulated support	<b>07413</b>



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