

busbar connecting terminal 630 A (01823)



The picture may show a similar product.

Description

Part No.: **01823 000**

busbar connecting terminal 630 A

40 mm long

for busbars 20, 25, 30 x 5, 10

System

60Classic

Product group 07

Subgroup 33

pack size 6

EAN 4021267018238

ETIM 5.0 EC000713

ETIM 8.0 EC000713

ETIM 10.0 EC000713

Approvals

Standards

IEC 61439-1:2020

UL 508

Approvals

UL , DNV GL



for UL feeder circuits >250V

type number: LV30-L

UL file: E123577, UL category (for USA): NMTR <https://www.ul.com>

UL file: E123577, UL category (for Canada): NMTR7 <https://www.ul.com>

CCC approval: no certification required

Technical data

Details IEC

Standards

IEC 61439-1:2020

Electrical data IEC

rated voltage (IEC) AC: 690 V

rated peak withstand current I_{pk} max.: 67.1 kA

power dissipation of the article:

The power dissipation at a typical load of 80 % results to 0.3 W.

(The power dissipation at full load would be 0.5 W.)

Supplementary data IEC

The following values have been verified with tests under certain conditions. Please ask Wöhner for this conditions before designing your panel.

max. permitted voltage (IEC) AC: 1000 V
max. permitted voltage (IEC) DC: 1500 V
current capacity (IEC) max.: 630 A

Details UL

Standards

UL 508

for UL feeder circuits >250V

Electrical data UL

rated current (UL): 756 A

SCCR protected max.: 65 kA
65 kA in combination with 30x10-L and any DIVQ/7 800 A / 480 V AC

Mechanical data

W x H x D: 40 x 37 x 20
weight: 25.2 kg/100
for busbars: 20, 25, 30 x 5, 10

permitted busbar displacement: 2
permitted spacing between systems: 13 - 20 mm

Terminal points

screw clamp connection

M12

Md min.: 24.0 Nm

Md max.: 36.0 Nm

Material properties

halogen-free: Yes

Application notes

The insulation performance of the article depends on the installation conditions.

Max. permitted busbar offset 2 mm, 3 units are needed for a 3-pole connection.

for UL feeder circuits >250V

for a UL-compliant design of the longitudinal busbar connector, the UL separator set 01360 must be used

Accessories

covers



01360 000

Set of phase separators for UL installation, 3-pole

for longitudinal connecting terminals 01990, 01823, 01827

105 mm

<https://pim.woehner.de/EN/EN/1000046010>