

brace terminal (01069)



The picture may show a similar product.

Description

Part No.: **01069** 000

CRITO[®]

brace terminal

160 - 1000 mm²

terminal space 55 x 28

for busbars 30 x 10 and section busbars

System

60Classic, centre feed unit, 100Energy

Advantages of the product

also rigid copper busbars can be connected if they are installed without mechanical tension

Product group 07

Subgroup 30

pack size 3

EAN 4021267010690

ETIM 5.0 EC000001

ETIM 8.0 EC000001

Approvals

Standards

IEC 61439-1:2020

UL 508

Approvals

UL



for UL feeder circuits >250V

type number: CPC50-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 current (IEC): 1600 A

rated voltage (IEC) AC: 690 V

rated peak withstand current I_{pk} max.: 72.7 kA

rated short-time withstand current I_{CW} (1.0 s) max.: 26.1 kA

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 carrying capacity for centre feed: 2,000 A

Details UL

Standards

UL 508

for UL feeder circuits >250V

Electrical data UL

rated current (UL): 1200 A
rated voltage (UL) AC: 600 V
rated frequency (UL): 50 / 60 Hz

SCCR unprotected max.: 30 kA
3 cycles (without OPD) @ 600 V AC
SCCR protected max.: 200 kA

SCCR: 65 kA with any DIVQ/7 circuit breaker 1600 A / 480 V AC/DC
200 kA with fuse Class L 1600 A

Mechanical data

W x H x D: 72 x 52 x 87
weight: 50.0 kg/100
for busbars: 30 x 10 and section busbars

Terminal points

screw clamp connection
screw drive: S8
min. cross-section: 160 mm²
max. cross-section: 1,000 mm²
Md min.: 12.0 Nm
Md max.: 18.0 Nm
Not suitable for aluminium cables !
Terminal space: 55 x 10 - 28
lam. Cu width: 32 - 50 mm
lam. Cu thickness: 5 - 10 mm
number of lam. Cu:

Material properties

halogen-free: No

Application notes

Not suitable for aluminium cables !

The insulation performance of the article depends on the installation conditions.
the terminal is able to connect flexible copper 32 x 10 in longitudinal direction
for UL feeder circuits >250V

Accessories

covers



01136 000

set of holders for cover sections

for 3-pole busbar systems

set consisting of left and right holder, for covers 01554, 01555 and 01417

for busbars: 12, 15, 20, 25, 30 x 5, 10 and section busbars



01137 000

set of holders for cover sections

for 4-pole busbar systems

set consisting of left and right holder, for covers 01599, 01555 and 01417

for busbars: 12, 15, 20, 25, 30 x 5, 10 and section busbars



01539 000

cover cap, 3-pole

180 mm wide

180 x 200 x 90

for busbars: 12, 15, 20, 25, 30 x 5, 10 and section busbars



01554 000

compartment section, for 3-pole systems

front mounted, 1.10 m long, for holder 01136

3 x 190 x 1100



01555 000

cover section

top / bottom, 1.10 m long, for holders 01136 or 01137

3 x 109 x 1100



01596 000

cover cap, 3-pole

228 mm wide

228 x 200 x 90

for busbars: 12, 15, 20, 25, 30 x 5, 10 and section busbars

**01597 000**

cover cap, 4-pole

228 mm wide

228 x 260 x 90

for busbars: 12, 15, 20, 25, 30 x 5, 10 and section busbars

**01599 000**

front cover section, for 4-pole systems

front mounted, 1.10 m long, for holder 01137

3 x 250 x 1100

**01417 000**

cover section

top / bottom, slotted, 1.10 m long, for holders 01136 or 01137

3 x 118 x 1100

<https://pim.woehner.de/EN/EN/1000045845>