

brace terminal (01318)



The picture may show a similar product.

Description

Part No.: **01318** 000

CRITO[®]

brace terminal

Cu / Al 95 - 185 mm²

for busbars 20, 25, 30 x 5, 10 and section busbars

System

60Classic, centre feed unit, 100Energy

Advantages of the product

Terminal with captive clamp screws, conductor can be overlapped, indication of nominal cross-section and tightening torque noted on the terminal, contact between conductor and busbar via cable bed.

Product group 07

Subgroup 20

pack size 6

EAN 4021267013189

ETIM 5.0 EC000001

ETIM 8.0 EC000001

Approvals

Standards

IEC 61439-1:2020

IEC 60999-1:1999

IEC 60999-2:2003

UL 508

Approvals

UL, DNV GL



type number: 518

UL file: E123577, UL category (for USA): NMTR2 <https://www.ul.com>

CCC approval: no certification required

Technical data

Details IEC

Standards

IEC 61439-1:2020

IEC 60999-1:1999

IEC 60999-2:2003

Electrical data IEC

rated current (IEC): 300 A

rated voltage (IEC) AC: 690 V

rated peak withstand current I_{pk} max.: 55.8 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 capacity (IEC) max.: 500 A

min. permitted operation temperature -40

Details UL

Standards

UL 508

suitable for field-installed conductors

Electrical data UL

rated current (UL): 310 A
rated voltage (UL) AC: 600 V
rated frequency (UL): 50 / 60 Hz

SCCR: 25 kA

Mechanical data

W x H x D: 38 x 51 x 70
weight: 31.2 kg/100
for busbars: 20, 25, 30 x 5, 10 and section busbars

Terminal points

min. cross-section:	95 mm ²
max. cross-section:	185 mm ²
Md min.:	24.0 Nm
Md max.:	36.0 Nm

Suitable for aluminium cables.

When using aluminium cables, observe the maintenance instructions.

for applications acc. to IEC / EN :

Cu or Al 95 - 185 mm² stranded round cables and stranded sector cables

Cu also flexible cables, directly,

for applications acc. to UL / CSA :

Cu 95 - 185 mm² / AWG 3/0 - MCM 350

Material properties

halogen-free: Yes

Application notes

Suitable for aluminium cables.

When using aluminium cables, observe the maintenance instructions.

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

CSA certificate on request

<https://pim.woehner.de/EN/EN/1000045570>