

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

ECLASS 6.1 27141146
ECLASS 7.1 27141146
ETIM 4.0 EC000001
ETIM 5.0 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

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

Anwendungshinweise

Suitable for aluminium cables.

When using aluminium cables, observe the maintenance instructions.

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

Reference CSA certificate on request

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