

brace terminal (01318)



The picture may show a similar product.

Description

Part No.: 01318

CRITO[®]

brace terminal

Cu / Al 95 - 185 mm²

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

System

60Classic

100Energy

185mm-System

centre feed unit

Product group 07

Subgroup 20

pack size 6

EAN 4021267013189

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.

catalog page 2020 : 3.6, 5.1, 5.3

eCl@ss 6.1 27141146
 eCl@ss 7.1 27141146
 ETIM 4.0 EC000001
 ETIM 5.0 EC000001

Approvals

Standards

IEC 61439-1:2011
 IEC 60999-1:1999
 IEC 60999-2:2003
 GB/T 7251.1

Approvals

UL, DNV GL, EAC



type number: 518
 EAC Type: TE-B

UL file: E123577, UL category (for USA): NMTR2 <http://www.ul.com>
 CCC approval: no certification required

Technical data

Details IEC

Standards

IEC 61439-1:2011
 IEC 60999-1:1999
 IEC 60999-2:2003
 GB/T 7251.1

Electrical data IEC

Rated current (IEC): 300 A

rated voltage (IEC) AC: 690 V

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

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

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

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

Suitable for aluminium cables.

Connections with aluminium cables are not maintenance-free.

Material properties

Connecting screws: Set screw M16, Allan key size 8

Terminal body: steel, galvanized and chromized

cable base: brass, tin plated

Terminal body: galvanised steel, chromited screw: hexagonal socket screw M16 x 1.5 (S8), galvanised, chromited, cable bed: brass, nickel-plated

Reference

CSA certificate on request



SCATTERGOOD & JOHNSON LTD

ELECTRICAL ENGINEERING & FLUID CONTROL DISTRIBUTORS

Est.1899

At Scattergood & Johnson Ltd, we pride ourselves on being a technical distributor to specialist industries.

Working with a range of quality product suppliers across a number of specialist markets, we are not your average 'box shifter' - we are your technical and supply chain partner.

We fully support every product we sell - for free! Our internal team and external sales engineers can answer any product or application question, no matter the complexity.

Backing up this technical ability is a range of 50,000+ products available from stock for nationwide next day delivery (same day if required!), or you can collect what you need from any of our trade counters around the UK.

Select your specialist interest below to learn more about how we can help.



Online, In Branch and On the Road - Scattergood & Johnson Ltd, there when you need us.

www.scatts.co.uk