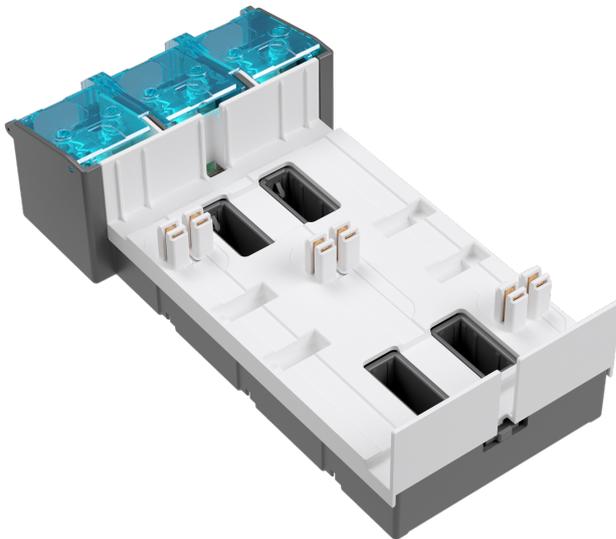


connection module (01595)



The picture may show a similar product.

Description

Part No.: **01595 000A**

CRITO CrossBoard

connection module

150 mm², for rear feeding of the CrossBoard

3-pole

connection top or bottom

for CrossBoard 250 A 300 - 1100 mm

System

CrossBoard® 125A / 250A

Product group 07

Subgroup 48

pack size 1

EAN 4021267015954

ETIM 5.0 EC000001
ETIM 8.0 EC000001
ETIM 10.0 EC000001

Approvals

Standards

IEC 61439-1:2020
IEC 60999-1:1999
IEC 60999-2:2003
UL 508

Approvals

UL



for UL feeder circuits >250V

type number: CR-B-114-A1

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
IEC 60999-1:1999
IEC 60999-2:2003

Electrical data IEC

rated current (IEC): 250 A
rated voltage (IEC) AC: 690 V

rated isolation voltage U_i AC: 800 V

rated surge voltage U_{imp} : 6 kV

rated peak withstand current I_{pk} max.: 30 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: 800 V

max. permitted voltage (IEC) DC: 800 V

current capacity (IEC) max.: 250 A

Details UL

Standards

UL 508

for UL feeder circuits >250V

suitable for field-installed conductors

Electrical data UL

rated current (UL): 285 A

rated voltage (UL) AC: 600 V

rated frequency (UL): 50 / 60 Hz

for wires UL: Cu 75°C

SCCR unprotected max.: 10 kA

3 cycles (without OPD) @ 600 V AC

SCCR protected max.: 100 kA

SCCR: 65 kA with any DIVQ/7 circuit breaker 400 A / 480 V AC

100 kA with JDDZ fuse Class J 400 A / 600 V AC

Mechanical data

W x H x D: 114 x 222 x 57

weight: 96.4 kg/100

poles: 3-pole

front degree of protection: IP20

Terminal points

prism terminal

screw drive:	S4
wire stripping:	30 mm
min. cross-section:	35 mm ²
max. cross-section:	150 mm ²
Md min.:	4.0 Nm
Md max.:	6.0 Nm

Suitable for aluminium cables.

When using aluminium cables, observe the maintenance instructions.

min. cross-section UL:	AWG 2
max. cross-section UL:	MCM 300
torque (UL):	35 - 53 lb-in
for wires UL:	Cu 75°C

Connecting circular conductors:

35... 50 mm² / 2... 1/0 AWG

4Nm / 35 lb in

70... 150 mm² / 2/0 AWG... 300 kcmil

6Nm / 53 lb in

35... 95 mm² flexible conductors, circular stranded conductors, flexible conductors with wire-end ferrules DIN 46228-1 max. 30 mm

120... 150 mm² flexible and circular stranded conductors

Connecting flexible conductors:

4x - 10x 15,5mm x 0,8 mm

6Nm / 53 lb in

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.

Crossboards before production date November 2024 also suitable for 250 A (IEC + UL). [Confirmation](#) for UL feeder circuits >250V

Accessories

covers



01654 000A

touch protection cover IP20
for round conductors
for: 01594, 01595



01655 000A

touch protection cover IP20
for flat conductors
for: 01594, 01595

<https://pim.woehner.de/EN/EN/1000256357>