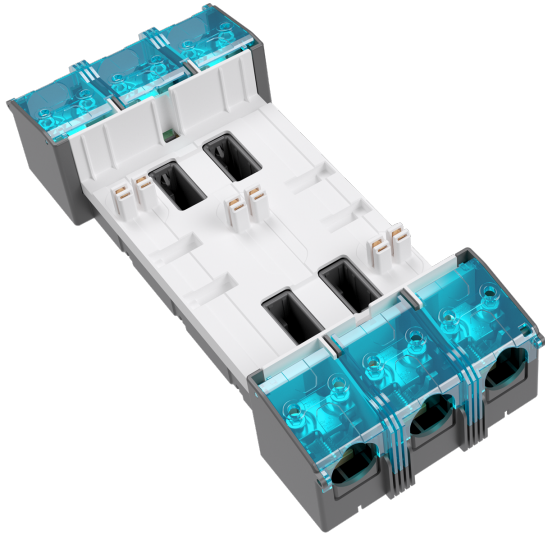


connection module (01594)



The picture may show a similar product.

Description

Part No.: **01594 000A**

CRITO[®] CrossBoard

connection module

150 mm², for rear feeding of the CrossBoard

3-pole

connection top and bottom

for CrossBoard 250 A 300 - 1100 mm

System

CrossBoard[®] 125A / 250A

Product group 07

Subgroup 48

pack size 1

EAN 4021267015947

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



for UL feeder circuits >250V

type number: CR-B-114-A2

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): 320 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.: 40 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.: 320 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: 100 kA with JDDZ fuse Class J 400 A / 600 V AC

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

Mechanical data

W x H x D: 114 x 276 x 57

weight: 143.0 kg/100

poles: 3-pole

front degree of protection: IP20

Terminal points

screw clamp connection

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

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.

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/INT/1000256344>