

connection module 800 A (01065)



The picture may show a similar product.

Description

Part No.: **01065 000A**

CRITO CrossBoard

connection module 800 A

for rear feeding of the CrossBoard

3-pole

connection top or bottom

NEW

System

CrossBoard® 800 A

Product group 07

Subgroup 51

pack size 1

EAN 4021267010652

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-200

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): 800 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.: 80 kA
rated short-time withstand current I_{cw} (1.0 s) 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.: 800 A

Details UL

Standards

UL 508

for UL feeder circuits >250V
suitable for field-installed conductors

Electrical data UL

rated current (UL): 800 A
rated voltage (UL) AC: 600 V
rated frequency (UL): 50 / 60 Hz
for wires UL: Cu 75°C

SCCR unprotected max.: 30 kA
3 cycles (without OPD) @ 725 V AC
SCCR protected max.: 65 kA

SCCR: 65 kA with any DIVQ/7 circuit breaker 800 A / 480 V AC

Mechanical data

W x H x D: 200 x 200 x 65
weight: 650.0 kg/100
poles: 3-pole

front degree of protection: IP20

Terminal points

screw connection

screw drive:	SW18
wire stripping:	50 mm
Md min.:	16.0 Nm
Md max.:	24.0 Nm

Suitable for aluminium cables.

When using aluminium cables, observe the maintenance instructions.

lam. Cu width:	20 - 40 mm
lam. Cu thickness:	5 - 20 mm
number of lam. Cu:	2
torque (UL):	177 lb-in
for wires UL:	Cu 75°C

Connection with flat bus bar:

1x 10x 15.5 ... 24 mm x 0.8 ... 1.0 mm

or

2x 10x 15.5 ... 24 mm x 0.8 ... 1.0 mm

Torque: 8 Nm, 71 lb-in

Stripping length: 50 +/- 5 mm

Rated current : 500 A

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.

for UL feeder circuits >250V

<https://pim.woehner.de/EN/EN/1000294192>