

connection module (01592)



The picture may show a similar product.

Description

Part No.: **01592** 000A

CRITO[®] CrossBoard

connection module

with integrated spring terminals 1.5 - 16 mm², AWG 14 - 6

3-pole

System

CrossBoard[®] 125A / 250A

Product group 07

Subgroup 40

pack size 1

EAN 4021267015923

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

IEC (CB) , UL



for UL feeder circuits >250V

type number: CR22-A

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): 63 A

rated voltage (IEC) AC: 690 V

rated isolation voltage U_i AC: 800 V

rated peak withstand current I_{pk} max.: 10 kA

power dissipation of the article:

The power dissipation at a typical load of 80 % results to 2.9 W.

(The power dissipation at full load would be 4.6 W.)

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.: 80 A

Details UL

Standards

UL 508

for UL feeder circuits >250V

suitable for field-installed conductors

Electrical data UL

rated current (UL): 48 A

rated voltage (UL) AC: 600 V

rated frequency (UL): 50 / 60 Hz

SCCR unprotected max.: 6 kA

3 cycles (without OPD) @ 600 V AC

SCCR protected max.: 50 kA

with JDDZ fuse Class J 60 A / 600 V AC

Mechanical data

W x H x D: 22.5 x 160 x 115

weight: 21.5 kg/100

poles: 3-pole

front degree of protection: IP20

Terminal points

spring pulley connection

screw drive: 0,6x4

wire stripping: 18 mm

min. cross-section: 1.5 mm²

max. cross-section: 16 mm²

min. cross-section UL: AWG 14

max. cross-section UL: AWG 6

For leads per IEC :

1.5 - 16 mm² round stranded and finely stranded without wire-end ferrule

1.5 - 16 mm² finely stranded with wire-end ferrule*

1.5 - 10 mm² finely stranded with wire-end ferrule

1.5 - 10 mm² round solid

* Recommendation: 16 mm² crimped with Rittal crimping pliers for wire-end ferrules WM-Crimp, Weidmüller crimping tool PZ 16 or Phoenix Contact crimping pliers Crimpfox 25R

for leads per UL:

Cu AWG 14 - 6

Class B (UL486E)

Application notes

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

for UL feeder circuits >250V

<https://pim.woehner.de/EN/INT/1000182055>