

basic system 125 A (11405) PCF: 10.43 kg CO₂e



The picture may show a similar product.

Description

Part No.: **11405** 000A

CrossBoard®

basic system 125 A

3-pole

405 mm long, touch-safe protected
with CrossLink® interface

System

CrossBoard® 125A / 250A

Advantages of the product

all-round touch-safe protected busbar system up to 125 A
mounting to DIN rails with no tools
simple screwing-on to mounting plates
completely pre-assembled and ready to use

Product group 06

Subgroup 50

pack size 1
EAN 4021267114053

ETIM 5.0 EC001900
ETIM 8.0 EC001900
ETIM 10.0 EC001900

Approvals

Standards

IEC 61439-1:2020
UL 508

Approvals

IEC (CB), UL



for UL feeder circuits >250V

type number: CB405-24x7

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

Electrical data IEC

rated current (IEC): 125 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.: 25 kA
rated short-time withstand current I_{CW} (0.3 s) max.: 10 kA

power dissipation of the article:

The power dissipation at a typical load of 80 % results to 6.0 W.

(The power dissipation at full load would be 9.3 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) DC: 800 V

min. permitted operation temperature -40°C

Details UL

Standards

UL 508

for UL feeder circuits >250V

Electrical data UL

rated current (UL): 100 A

rated voltage (UL) AC: 600 V

rated frequency (UL): 50 / 60 Hz

rated voltage (UL) DC: 600 V

SCCR unprotected max.: 10 kA

3 cycles (without OPD) @ 600 V AC

SCCR protected max.: 100 kA

with JDDZ fuse Class J 175 A / 600 V AC

SCCR: 100 kA with JDDZ fuse Class J 175 A / 600 V AC

65 kA with any DIVQ/7 circuit breaker 100 A / 600 V AC

100 kA with any DIVQ/7 circuit breaker 100 A / 480 V AC

Mechanical data

W x H x D: 405 x 160 x 45

weight: 137.2 kg/100

poles: 3-pole

degree of protection: IP20

Material properties

Material: Copper

Ausführung Werkstoff: unbehandelt

halogen-free: Yes

Application notes

We recommend the use of a high DIN rail (35x15) for optimum stability and maximum load of 4 kg.

For higher loads we recommend to fix the CrossBoard® with screws on a panel.

For the use of the QUADRON® CrossBoard NH fuse switch-disconnector size 000 the CrossBoard® has to be fixed with screws on a panel.

For details please see the mounting instruction.

2 CrossBoards® mounted side by side can get a shared feeding component.

The drilling plan for mounting 2 CrossBoards® side by side is available as [Dimensioned drawing #2](#) for UL feeder circuits >250V

<https://pim.woehner.de/EN/EN/1000182037>