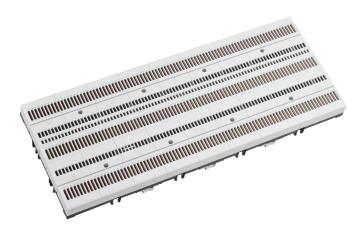
# wöhner

# basic system 125 A (11405) PCF: 10.43 kg CO<sub>2</sub>e



The picture may show a similar product.

### Description

Part No.: **11405** 000A

CrossBoard<sup>®</sup> 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

ECLASS 6.1 27400613 ECLASS 7.1 27400613 ETIM 4.0 EC001900 ETIM 5.0 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

 $\begin{array}{ll} \text{rated isolation voltage U}_i \text{ AC:} & 800 \text{ V} \\ \text{rated surge voltage U}_{imp} : & 6 \text{ kV} \end{array}$ 

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

#### Details UL

#### Standards

UI 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 any DIVQ/7 circuit breaker 100 A / 480 V AC

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

#### Mechanical data

W x H x D: 405 x 160 x 45 weight: 137.2 kg/100 poles: 3-pole degree of protection: IP20

### 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/INT/1000182037