

busbar support 3 phases + N + E, with end cover (01272)



The picture may show a similar product.

Description

Part No.: **01272 000**

busbar support 3 phases + N + E, with end cover
for busbar 3-pole 12 x 5 and 12 x 10
for busbars 5-pole 12 x 5 and 12 x 10, N + PE 12 x 5

System

30Compact 3P, 30Compact 5P

Product group 06

Subgroup 09

pack size 10

EAN 4021267012724

ETIM 5.0 EC001166

ETIM 8.0 EC001166

Approvals

Standards

IEC 61439-1:2020

UL 508

Approvals

UL



for UL feeder circuits >250V

type number: S612-L

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 voltage (IEC) AC: 690 V

rated frequency (IEC): 50 / 60 Hz

rated isolation voltage U_i AC: 800 V

rated surge voltage U_{imp} : 6 kV

rated peak withstand current I_{pk} max.: 54 kA

power dissipation of the article:

The power dissipation at a typical load of 80 % results to 0.0 W.

(The power dissipation at full load would be 0.0 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.

min. permitted operation temperature -40°C

short-circuit capacity IEC / EN :

3-pole: I_{pk} max. = 54 kA (busbar 12x10, 2 busbar supports in 250 mm distance)

go to calculation for [3-pole system \(IEC\)](#)

4- and 5-pole : I_{pk} = 32 kA (2 busbar supports in 250 mm distance)

go to calculation for [5-pole system \(IEC\)](#)

Details UL

Standards

UL 508

for UL feeder circuits >250V

Electrical data UL

rated voltage (UL) AC: 600 V

rated frequency (UL): 50 / 60 Hz

SCCR unprotected max.: 18 kA

3 cycles (without OPD) @ 600 V AC

Mechanical data

W x H x D: 15 x 156 x 45

weight: 6.8 kg/100

poles: 3-pole

Material properties

halogen-free: Yes

Application notes

Zur Einhaltung der erhöhten Luft- und Kriechstrecken nach UL 508A ist das Distanzstück 01 374 zu verwenden.

Drehmoment für die Schrauben des Schienenträgerdeckels $M_d = 3\text{Nm}$
for UL feeder circuits >250V

Accessories

accessories for mounting



01374 000A
spacer
suitable for 01272
for UL applications

covers



01371 000
base plate
700 x 160

<https://pim.woehner.de/EN/EN/1000043870>