universal busbar support (01430000A)



The picture may show a similar product.

Description

Part No.: **01430** 000A
universal busbar support
for undrilled flat rails 30, 40, 60, 80, 100, 120 x 10
for busbars 30, 40, 60, 80, 100, 120 x 10

System
185Power

Product group 06
Subgroup 24

pack size 4
EAN 4021267014308

ECLASS 14.0 27400607
ETIM 5.0 EC001166
ETIM 8.0 EC001166
ETIM 10.0 EC001166

Approvals

Standards
IEC 61439-1:2020
UL 508

Approvals
UL



for UL feeder circuits >250V

type number: S185-A120
EAC Type: SB

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: 800 V

rated frequency (IEC): 50 / 60 Hz

rated isolation voltage U_i AC: 1000 V
rated surge voltage U_{imp} : 8 kV

rated peak withstand current I_{pk} max.: 106 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.

max. permitted voltage (IEC) DC: 1500 V

min. permitted operation temperature -40°C

short-circuit capacity IEC / EN :
Ipk max. = 106 kA (busbars 120x10, 2 busbar supports in 550 mm distance)
go to calculation for 3-pole system (IEC)

Details UL

Standards

UL 508

for UL feeder circuits >250V

Electrical data UL

rated voltage (UL) AC: 1000 V
rated frequency (UL): 50 / 60 Hz
rated voltage (UL) DC: 1000 V

SCCR unprotected max.: 50 kA
3 cycles (without OPD) @ 1000 V AC

Mechanical data

W x H x D: 30 x 583 x 59
weight: 50.0 kg/100
poles: 3-pole
for busbars: 30, 40, 60, 80, 100, 120 x 10

Material properties

halogen-free: Yes

Application notes

The insulation performance of the article depends on the installation conditions.
Torque with 4Nm for screw M6 or M8 on mounting plate 3mm
for UL feeder circuits >250V

Accessories

accessories for mounting



01421 000A
spacer
set, suitable for 01430

covers



01431 000A
end cover for busbar support 01430
set for one left and one right busbar support



01432 000A
centre cover for busbar support 01430
when using the busbar support as a centre support



01420 000A
system shrouding, rear
set for busbar support distance 550 mm (centre to centre)



01436 000A
system shrouding, rear
set for busbar support distance 700 mm (centre to centre)

https://pim.woehner.de/EN/EN/1000155636