Specifications

Eaton PXS24BB00008



Catalog Number: PXS24BB00008

Eaton Moeller series xEffect - PXS24 Electronic Protection Module. Busbar 8 modules for PXS24 Electronic overcurrent protection for 24V DC

General specifications

Product Name
Eaton Moeller series xEffect - PXS24 phase busbar

Catalog Number
PXS24BB00008

EAN
9010238036451

UPC
786689167394

Product Length/Depth
140 mm

Product Height
11.5 mm

Product Width
4 mm

Product Weight
0.033 kg

Compliances
RoHS conform

Certifications
EN45545-2
IEC 61373

Powering Business Worldwide

Product specifications

Type

Automation engineering 24V

10.10 Temperature rise

The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.

10.11 Short-circuit rating

Is the panel builder's responsibility. The specifications for the switchgear must be observed.

10.12 Electromagnetic compatibility

Is the panel builder's responsibility. The specifications for the switchgear must be observed.

10.13 Mechanical function

The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

10.2.2 Corrosion resistance

Meets the product standard's requirements.

10.2.3.1 Verification of thermal stability of enclosures

Meets the product standard's requirements.

10.2.3.2 Verification of resistance of insulating materials to normal heat

Meets the product standard's requirements.

10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects

Meets the product standard's requirements.

10.2.4 Resistance to ultra-violet (UV) radiation

Meets the product standard's requirements.

10.2.5 Lifting

Does not apply, since the entire switchgear needs to be evaluated.

10.2.6 Mechanical impact

Does not apply, since the entire switchgear needs to be evaluated.

10.2.7 Inscriptions

Meets the product standard's requirements.

10.3 Degree of protection of assemblies

Does not apply, since the entire switchgear needs to be evaluated.

Resources

Brochures

eaton-pdd-railrolling-stock-brochure-br011002en-en-us.pdf

eaton-pxs24-success-story-cs011001en-en-us.pdf

Catalogs

eaton-xeffect-industrial-switchgear-range-catalog-ca003002en-en-us.pdf

Declarations of conformity

DA-DC-03_PXS24

eCAD model

ETN.PXS24-BB_80A_8TE

Installation instructions

MA150501504

Installation videos

PXS24 - Electronic protection module for 24 VDC | Application

PXS24 - Protect 24 VDC control circuits effectively

PXS24 - Electronic protection module for 24 VDC | Product

mCAD model

eaton-psx24_bb-drawing.dwg

eaton-psx24_bb-3d-model.stp

Product notifications

eaton-pxs24-plant-norm-en-us.pdf

10.4 Clearances and creepage distances

Meets the product standard's requirements.

10.5 Protection against electric shock

Does not apply, since the entire switchgear needs to be evaluated.

10.6 Incorporation of switching devices and components

Does not apply, since the entire switchgear needs to be evaluated.

10.7 Internal electrical circuits and connections

Is the panel builder's responsibility.

10.8 Connections for external conductors

Is the panel builder's responsibility.

10.9.2 Power-frequency electric strength

Is the panel builder's responsibility.

10.9.3 Impulse withstand voltage

Is the panel builder's responsibility.

10.9.4 Testing of enclosures made of insulating material

Is the panel builder's responsibility.

Electric connection type

Other

Rated surge voltage

0 KV

Rated uninterrupted current (Iu)

80 A

Suitable for number of devices

8

Ambient operating temperature details

-30 °C - 55 °C

Protection

None

Number of poles

Single-pole

Permitted storage and transport temperature - min

-40 °C

Color

Other

Rated short-time withstand current (Icw)

0 kA

Number of channels

0

Voltage rating

24 V DC (15 V DC - 30 V DC)

Cross section

16 mm²

Number of modular spacings

8

Number of phases

0

Permitted storage and transport temperature - max

100 °C

Pitch dimensions

17.5 mm

Rated operational voltage (Ue) - max

30 V

Amperage rating

80 A

Rated conditional short-circuit current (Iq)

0 kA

Functions

Automation engineering 24V

Mounting method

Can be snapped onto PXS24 modules

Suitable for

8 devices

Devices with auxiliary switch



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