Specifications

Eaton PXS24ACC0001

Catalog Number: PXS24ACC0001

Eaton Moeller series xEffect - PXS24 Electronic Protection Module. Feed-in terminals 2,5-16qmm for PXS24-BB





General specifications

Product Name
Eaton Moeller series xEffect - PXS24 busbar terminal

Catalog Number
PXS24ACC0001

EAN
9010238037311

UPC
786689167677

Product Length/Depth
35 mm

Product Height
12 mm

Product Width
24 mm

Product Weight
0.022 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-IT

Installation instructions

MA150501504

Installation videos

PXS24 - Electronic protection module for 24 VDC | Product

PXS24 - Protect 24 VDC control circuits effectively

PXS24 - Electronic protection module for 24 VDC | Application

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.

Width clamp

7 mm

Ambient operating temperature details

-30 °C - 55 °C

Permitted storage and transport temperature - min

-40 °C

Number of channels

0

Voltage rating

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

Busbar thickness - max

0 mm

Busbar thickness - min

0 mm

Busbar width - max

0 mm

Busbar width - min

0 mm

Conductor cross section - max

16 mm²

Permitted storage and transport temperature - max

100 °C

Rated operational current (Ie) - max

60 A

Amperage rating

60 A

Functions

Automation engineering 24V

Mounting method

Can be snapped onto PXS24 modules

Suitable for

Round conductor connection

T-rail

Rated operational current

60 A

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