

Specifications

Eaton 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
MODEL CODE	PXS24-IT

Delivery program

TYPE	Automation engineering 24V
AMPERAGE RATING	60 A

Technical data - mechanical

MOUNTING METHOD	Can be snapped onto PXS24 modules
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NUMBER OF CHANNELS	0
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BUSBAR THICKNESS - MIN	0 mm
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BUSBAR THICKNESS - MAX	0 mm
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BUSBAR WIDTH - MIN	0 mm
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BUSBAR WIDTH - MAX	0 mm
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CONDUCTOR CROSS SECTION - MAX	16 mm ²
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WIDTH CLAMP	7 mm
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Technical data - electrical

VOLTAGE RATING	24 V DC (15 V DC - 30 V DC)
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RATED OPERATIONAL CURRENT	60 A
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RATED OPERATIONAL CURRENT (IE) - MAX	60 A
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Design verification as per IEC/EN 61439 - technical data

AMBIENT OPERATING TEMPERATURE DETAILS	-30 °C - 55 °C
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PERMITTED STORAGE AND TRANSPORT TEMPERATURE - MIN	-40 °C
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PERMITTED STORAGE AND TRANSPORT TEMPERATURE - MAX	100 °C
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Design verification as per IEC/EN 61439

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.
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	Is the panel builder's responsibility.

Additional information

FUNCTIONS	Automation engineering 24V
SUITABLE FOR	Round conductor connection T-rail

INSULATING MATERIAL

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.

Resources

BROCHURES

[eaton-pdd-railrolling-stock-brochure-br011002en-en-us.pdf](#)

[eaton-pxs24-success-story-cs011001en-en-us.pdf](#)

CATALOGUES

[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 - Protect 24 VDC control circuits effectively](#)

[PXS24 - Electronic protection module for 24 VDC | Application](#)

[PXS24 - Electronic protection module for 24 VDC | Product](#)

PRODUCT NOTIFICATIONS

[eaton-pxs24-plant-norm-en-us.pdf](#)

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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