

Specifications

Eaton 280976

Eaton Moeller® series PE Protective conductor terminal, for P5-250/315, rear mounting

General specifications

PRODUCT NAME	Eaton Moeller® series PE Accessory Insulated enclosure
CATALOG NUMBER	280976
EAN	4015082809768
PRODUCT LENGTH/DEPTH	50 mm
PRODUCT HEIGHT	75 mm
PRODUCT WIDTH	130 mm
PRODUCT WEIGHT	0.32 kg
COMPLIANCES	CE
MODEL CODE	PE-P5-250/315Z



Powering Business Worldwide

General

ACCESSORY/SPARE PART TYPE	Other
MOUNTING METHOD	Flush mounting Rear mounting
MOUNTING POSITION	Right side Left side
TYPE	Protective conductor terminals

Terminal capacities

STRIPPING LENGTH (MAIN CABLE)	22 mm
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Climatic environmental conditions

AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
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AMBIENT OPERATING TEMPERATURE - MAX	50 °C
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Design verification

EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID	0 W
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HEAT DISSIPATION CAPACITY PDISS	0 W
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HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	16 W
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RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	315 A
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STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	0 W
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10.2.2 CORROSION RESISTANCE	Meets the product standard's requirements.
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10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES	Meets the product standard's requirements.
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10.2.3.2 VERIFICATION OF RESISTANCE OF INSULATING MATERIALS TO NORMAL HEAT	Meets the product standard's requirements.
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10.2.3.3 RESIST. OF INSUL. MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. EFFECTS	Meets the product standard's requirements.
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10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION	Meets the product standard's requirements.
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10.2.5 LIFTING	Does not apply, since the entire switchgear needs to be evaluated.
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10.2.6 MECHANICAL IMPACT	Does not apply, since the entire switchgear needs to
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	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 INSULATING MATERIAL	Is the panel builder's responsibility.
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 [Brochure - T Rotary Cam switch and P Switch-disconnector](#)

CATALOGUES [P Switch-disconnectors and T Rotary cam switches catalogue CA042001EN](#)

ECAD MODEL [DA-CE-ETN.PE-P5-250_315Z](#)

INSTALLATION INSTRUCTIONS [IL008053ZU](#)

INSTALLATION VIDEOS [Eaton's P Switch-disconnectors used in a factory](#)

MCAD MODEL [DA-CD-pe_p5_250_315_z](#)
[DA-CS-pe_p5_250_315_z](#)

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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