

Specifications



Eaton 062432

Eaton Moeller® series Neutral conductor, switched neutral, for P3

General specifications

PRODUCT NAME	Eaton Moeller® series Accessory Neutral conductor
CATALOG NUMBER	062432
MODEL CODE	N-P3E
EAN	4015080624325
PRODUCT LENGTH/DEPTH	50 mm
PRODUCT HEIGHT	50 mm
PRODUCT WIDTH	50 mm
PRODUCT WEIGHT	0.07 kg
CERTIFICATIONS	CE CSA CSA-C22.2 No. 94 CSA-C22.2 No. 14-05 UL 508 UL Category Control No.: NLRV UL CSA Class No.: 3211-05 IEC/EN 60947-3 UL File No.: E36332 CSA File No.: 012528

Climatic environmental conditions

**AMBIENT OPERATING
TEMPERATURE - MAX** 50 °C

**AMBIENT OPERATING
TEMPERATURE - MIN** -25 °C

Design verification

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.

10.4 CLEARANCES AND CREEPAGE DISTANCES

Meets the product standard's requirements.

10.5 PROTECTION

Does not apply, since the

AGAINST ELECTRIC SHOCK	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.
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID	0 W
HEAT DISSIPATION CAPACITY PDISS	0 W
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	7.5 W
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	100 A
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	0 W

Electrical rating

RATED OPERATIONAL CURRENT (IE) - MAX	90 A
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Terminal capacities

STRIPPING LENGTH (MAIN CABLE)	13.5 mm
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General information

ACCESSORY/SPARE PART TYPE	Neutral terminal
MOUNTING POSITION	Left side Right side
TYPE	• Neutral conductor • Switchable neutral conductor

Resources

BROCHURES	Brochure - T Rotary Cam switch and P Switch-disconnector
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CATALOGUES	P Switch-disconnectors and T Rotary cam switches catalogue CA042001EN
DRAWINGS	eaton-rotary-switches-component-accessory-dimensions-002.eps eaton-rotary-switches-accessory-3d-drawing-002.eps
ECAD MODEL	DA-CE-ETN.N-P3E
INSTALLATION INSTRUCTIONS	eaton-switch-disconnector-p3-flush-mounting-il03802002z.pdf
INSTALLATION VIDEOS	Eaton's P Switch-disconnectors used in a factory
MCAD MODEL	eaton-accessories-mcad-drawings-115-126-01-01.dwg DA-CS-62432

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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