

Specifications



Eaton 000651

Eaton Moeller® series Neutral conductor,
4th pole, N for P1E

General specifications

PRODUCT NAME	Eaton Moeller® series Accessory Neutral conductor
CATALOG NUMBER	000651
MODEL CODE	N-P1E
EAN	4015080006510
PRODUCT LENGTH/DEPTH	32 mm
PRODUCT HEIGHT	70 mm
PRODUCT WIDTH	15 mm
PRODUCT WEIGHT	0.03 kg
CERTIFICATIONS	UL UL 508 CE CSA Class No.: 3211-05 IEC/EN 60947-3 CSA-C22.2 No. 14-05 UL Category Control No.: NLRV CSA UL File No.: E36332 CSA-C22.2 No. 94 CSA File No.: 012528

General

ACCESSORY/SPARE PART TYPE

Neutral terminal

MOUNTING POSITION

Left side
Right side

TYPE

- Neutral conductor
- Switchable neutral conductor

Terminal capacities

STRIPPING LENGTH (MAIN CABLE)

10.5 mm

Climatic environmental conditions

AMBIENT OPERATING TEMPERATURE - MIN

-25 °C

AMBIENT OPERATING TEMPERATURE - MAX

50 °C

Design verification

HEAT DISSIPATION CAPACITY PDISS

0 W

HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID

1.8 W

RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)

32 A

STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS

0 W

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 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
DRAWINGS	eaton-rotary-switches-component-accessory-dimensions.eps eaton-rotary-switches-accessory-3d-drawing-002.eps
ECAD MODEL	eaton-accessory-neutral-conductor-eplan-000651.edz
INSTALLATION INSTRUCTIONS	eaton-switch-disconnector-p1-flush-mounting-il03802003z.pdf
INSTALLATION VIDEOS	Eaton's P Switch-disconnectors used in a factory
MCAD MODEL	DA-CD-115_115_01_01 DA-CS-651

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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