Specifications

Eaton 280963

Catalog Number: 280963

Eaton Moeller® series P5 Auxiliary contact, 2N/O+1N/C, for P5, 125A, flush mounting



General specifications

Product Name
Eaton Moeller® series P5 Accessory Auxiliary contact

Catalog Number
280963

EAN
4015082809638

Product Length/Depth
50 mm

Product Height
75 mm

Product Width
130 mm

Product Weight
0.045 kg

Compliances
CE Marked

Certifications
IEC 60947-5
UL 508
CSA Std. C22.2 No. 14-05
EN 60947-5
CSA File No.: 223805
CSA-C22.2 No. 14-05
CSA
UL File No.: E36332
CSA Class No.: 3211-03
IEC/EN 60947-5
CE
UL Category Control No.: NLRV, NLRV7

Catalog Notes
Late-break switching-on behavior, early-make switching-off behavior

Powering Business Worldwide

Product specifications

Used with

P5-125(160)/E(EA)

Type

Auxiliary contact

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

Resources

Brochures

Brochure - T Rotary Cam switch and P Switch-disconnector

Catalogs

P Switch-disconnectors and T Rotary cam switches catalogue

CA042001EN

Drawings

eaton-rotary-switches-contact-p5-auxiliary-contact-3d-drawing.eps

eCAD model

ETN.HI21-P5-125_160E

Installation instructions

IL03802009Z2021_08.pdf

Installation videos

Eaton's P Switch-disconnectors used in a factory

mCAD model

hi21_p5_125_160_e.stp

hi21_p5_125_160_e

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.

Electric connection type

Screw connection

Ambient operating temperature - max

50 °C

Ambient operating temperature - min

-25 °C

Equipment heat dissipation, current-dependent Pvid

0 W

Heat dissipation capacity Pdiss

0 W

Heat dissipation per pole, current-dependent Pvid

0.11 W

Number of contacts (change-over contacts)

0

Number of contacts (normally closed contacts)

1

Number of contacts (normally open contacts)

2

Number of switches (fault signal)

0

Mounting position

Right side

Left side

Connection type

Screw connection

Mounting method

Side mounting

Control circuit reliability

1 failure per 100,000 switching operations statistically determined, at 24 V DC, 10 mA)

Model

Top mounting

Lamp holder

None

Rated operational current (Ie)

0.1 A at DC-13, 250 V

Rated uninterrupted current (Iu)

10 A

Static heat dissipation, non-current-dependent Pvs

0 W

Stripping length (main cable)

8 mm

Product category

Accessories

Short-circuit protection rating

Max. 10 A gG/gL, Fuse, Auxiliary contacts

Rated insulation voltage (Ui)

500 V

Rated operational current (Ie) at AC-15, 220 V, 230 V, 240 V

6 A

Rated operational current (Ie) at AC-15, 380 V, 400 V, 415 V

3 A

Rated operational current (Ie) at DC-13, 125 V

0.23 A

Rated operational current for specified heat dissipation (In)

6 A

Terminal capacity (flexible with ferrule)

0.5 - 2.5 mm², ferrules to DIN 46228

Terminal capacity (solid)

0.5 - 2.5 mm²

Tightening torque

0.8 Nm, Screw terminals

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