Product specifications

Eaton 062031

Catalog Number: 062031

Eaton Moeller® series P1 Auxiliary contact, 1 N/O, 1 NC, For use with P1, P3, intermediate

General specifications

Product Name
Eaton Moeller® series P1 Accessory Auxiliary contact

Catalog Number
062031

Model Code
HI11-P1/P3Z

EAN
4015080620310

Product Length/Depth
41 mm

Product Height
83 mm

Product Width
15 mm

Product Weight
0.04 kg

Certifications
CSA-C22.2 No. 14-05
UL File No.: E36332
CSA Class No.: 3211-05
CSA
UL Category Control No.: NLRV
UL 508
CSA File No.: 012528
IEC/EN 60947-5
UL
CE

Powering Business Worldwide

Features & Functions

Electric connection type

Screw connection

General

Model

Top mounting

Mounting method

Side mounting

Mounting position

Right side

Left side

Product category

Accessories

Type

Auxiliary contact

Climatic environmental conditions

Ambient operating temperature - min

-25 °C

Ambient operating temperature - max

50 °C

Terminal capacities

Terminal capacity (flexible with ferrule)

1 x (0.5 - 1.5) mm², ferrules to DIN 46228

2 x (0.5 - 1.5) mm², ferrules to DIN 46228

Terminal capacity (solid)

2 x (0.75 - 1.5) mm²

1 x (0.75 - 2.5) mm²

Stripping length (main cable)

7.5 mm

Tightening torque

1 Nm, Screw terminals

Electrical rating

Rated insulation voltage (Ui)

500 V

Rated operational current (Ie)

0.55 A at DC-13, 250 V

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

6 A

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

1.1 A

Rated uninterrupted current (Iu)

10 A

Short-circuit rating

Short-circuit protection rating

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

Contacts

Control circuit reliability

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

Number of contacts (change-over contacts)

0

Number of contacts (normally closed contacts)

1

Number of contacts (normally open contacts)

1

Design verification

Equipment heat dissipation, current-dependent Pvid

0 W

Heat dissipation capacity Pdiss

0 W

Heat dissipation per pole, current-dependent Pvid

0.11 W

Rated operational current for specified heat dissipation (In)

6 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

Catalogues

P Switch-disconnectors and T Rotary cam switches catalogue

CA042001EN

Product Range Catalog Industrial switch-disconnectors

Drawings

eaton-rotary-switches-component-accessory-dimensions.eps

eaton-rotary-switches-component-accessory-dimensions-002.eps

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

eCAD model

DA-CE-ETN.HI11-P1_P3Z

Installation instructions

IL03802002Z

IL03802004Z

IL03802005Z

mCAD model

DA-CD-115_116_01_02

DA-CS-62031

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