

Eaton 082882

Catalog Number: 082882

Eaton Moeller® series NHI Standard auxiliary contact, NHI-E, 1 N/O, 1 NC, Can be fitted to the front, Screw terminals

General specifications



Product Name

Eaton Moeller® series NHI Accessory
Standard auxiliary contact

Catalog Number

082882

Model Code

NHI-E-11-PKZ0

EAN

4015080828822

Product Length/Depth

12 mm

Product Height

35 mm

Product Width

45 mm

Product Weight

0.016 kg

Certifications

CE
UL Category Control No.: NLRV
CSA
CSA-C22.2 No. 14
UL File No.: E36332
CSA File No.: 165628
IEC/EN 60947-4-1
UL 508
CSA Class No.: 3211-05
UL

Catalog Notes

Can be fitted to the front. Terminal designation differs to that of an auxiliary contact that can be fitted to the side

Features & Functions

Electric connection type

Screw connection

General

Lifespan, electrical

100,000 Operations

Lifespan, mechanical

100,000 Operations

Model

Top mounting

Mounting method

Front fastening

Overvoltage category

III

Pollution degree

3

Product category

Accessories

Rated impulse withstand voltage (Uimp)

4000 V AC

Used with

Motor protective circuit-breaker

Climatic environmental conditions

Ambient operating temperature - min

-25 °C

Ambient operating temperature - max

55 °C

Terminal capacities

Terminal capacity (solid/flexible with ferrule)

0.75 - 1.5 mm²

Terminal capacity (solid/stranded AWG)

18 - 16, Screw terminals

Electrical rating

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

1 A

Rated operational current (Ie) at DC-13, 24 V

2 A

Rated operational voltage (Ue) at AC - max

440 V

Rated operational voltage (Ue) at DC - max

250 V

Communication

Connection type

Screw connection

Contacts

Control circuit reliability

< 2 λ, < 1 failure at 100,000,000 Operations (at U_e = 24 V DC, U_{min} = 17 V, I_{min} = 5.4 mA)

Safe isolation

440 V, Between auxiliary contacts and main contacts, According to EN 61140

Short-circuit protection rating without welding

10 A gG/gL, Fuse, Auxiliary contacts

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 P_{vid}

0 W

Heat dissipation capacity P_{diss}

0 W

Heat dissipation per pole, current-dependent P_{vid}

0.01 W

Rated operational current for specified heat dissipation (I_n)

1 A

Static heat dissipation, non-current-dependent P_{vs}

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.

Resources

Brochures

[Motor Starters in System xStart - brochure](#)

[Save time and space thanks to the new link module PKZM0-XDM32ME](#)

Catalogues

[Switching and protecting motors - catalog](#)

[Product Range Catalog Switching and protecting motors](#)

Certification reports

[DA-DC-00004544.pdf](#)

[DA-DC-00004245.pdf](#)

[DA-DC-00004230.pdf](#)

[DA-DC-00004069.pdf](#)

[DA-DC-00003914.pdf](#)

[DA-DC-00004545.pdf](#)

[DA-DC-00004206.pdf](#)

[DA-DC-00003915.pdf](#)

[DA-DC-00004109.pdf](#)

[DA-DC-00004244.pdf](#)

[DA-DC-00004246.pdf](#)

[DA-DC-00004108.pdf](#)

[DA-DC-00004207.pdf](#)

Characteristic curve

[eaton-motorstarters-auxiliary-contact-nhi-accessory-characteristic-curve-006.eps](#)

Drawings

[eaton-manual-motor-starters-dimensions.eps](#)

[eaton-manual-motor-starters-pkz-dimensions-003.eps](#)

[eaton-manual-motor-starters-auxiliary-contact-nhi-accessory-3d-drawing-005.eps](#)

[eaton-manual-motor-starters-auxiliary-contact-nhi-accessory-3d-drawing-004.eps](#)

[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.

[eCAD model](#)

[DA-CE-ETN.NHI-E-11-PKZ0](#)

[Installation instructions](#)

[IL03801004Z](#)

[Installation videos](#)

[WIN-WIN with push-in technology](#)

[mCAD model](#)

[DA-CS-nhi_e](#)

[nhi_e_2.stp](#)

[DA-CD-nhi_e](#)

[Wiring diagrams](#)

[eaton-manual-motor-starters-contact-nhi-accessory-wiring-diagram-002.eps](#)



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