Specificaţii produse

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

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

Model Code
NHI-E-11-PKZ0

Powering Business Worldwide

Caracteristici & funcții

Electric connection type

Screw connection

Generalități

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

Condiții climatice de mediu

Ambient operating temperature - min

-25 °C

Ambient operating temperature - max

55 °C

Secțiuni de racordare

Terminal capacity (solid/flexible with ferrule)

0.75 - 1.5 mm²

Terminal capacity (solid/stranded AWG)

18 - 16, Screw terminals

Tensiune nominală

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

Comunicație

Connection type

Screw connection

Contacte

Control circuit reliability

< 2 λ, < 1 failure at 100,000,000 Operations (at U_e = 24 V DC, Umin = 17 V, Imin = 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

Verificarea proiectării

Equipment heat dissipation, current-dependent Pvid

0 W

Heat dissipation capacity Pdiss

0 W

Heat dissipation per pole, current-dependent Pvid

0.01 W

Rated operational current for specified heat dissipation (In)

1 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.

Resurse

Characteristic curve

eaton-motorstarters-auxiliary-contact-nhi-accessory-characteristic-curve-006.eps

Desene

eaton-manual-motor-starters-dimensions.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

mCAD model

nhi_e_2.stp

Rapoarte de certificare

DA-DC-00004069.pdf

DA-DC-00003914.pdf

DA-DC-00004544.pdf

DA-DC-00003915.pdf

DA-DC-00004246.pdf

DA-DC-00004207.pdf

DA-DC-00004230.pdf

DA-DC-00004206.pdf

DA-DC-00004244.pdf

DA-DC-00004545.pdf

Scheme electrice

eaton-manual-motor-starters-contact-nhi-accessory-wiring-diagram-002.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.

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