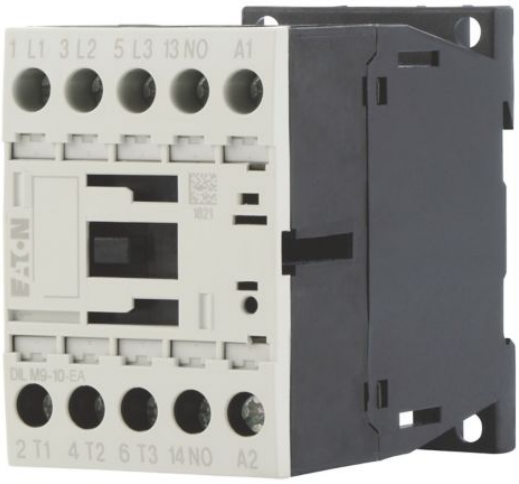
Specificaţii produse

Eaton 190029

Catalog Number: 190029

Eaton Moeller® series DILM Contactor, 3 pole, 380 V 400 V 4 kW, 1 N/O, 230 V 50 Hz, 240 V 60 Hz, AC operation, Screw terminals DILM9-10-EA(230V50HZ,240V60HZ)



Fotografia este reprezentativa

General specifications

Product Name
Eaton Moeller® series DILM contactor

Catalog Number
190029

EAN
4015081880256

Product Length/Depth
75 mm

Product Height
68 mm

Product Width
45 mm

Product Weight
0.24 kg

Compliances
CE
CE Marked
RoHS conform

Model Code
DILM9-10-EA(230V50HZ,240V60HZ)

Powering Business Worldwide

Features Functions

Number Of Poles

Three-pole

General

Overvoltage category

III

Pollution degree

3

Product category

Contactors

Voltage type

AC

Climatic environmental conditions

Ambient operating temperature - min

-25 °C

Ambient operating temperature - max

60 °C

Ambient operating temperature (enclosed) - min

-25 °C

Ambient operating temperature (enclosed) - max

40 °C

Ambient storage temperature - min

-40 °C

Ambient storage temperature - max

80 °C

Electro magnetic compatibility

Interference immunity

According to EN 60947-1

Electrical rating

Rated operational current (Ie) at AC-1, 380 V, 400 V, 415 V

22 A

Rated operational current (Ie) at AC-3, 380 V, 400 V, 415 V

9 A

Rated insulation voltage (Ui)

690 V

Rated operational power at AC-3, 380/400 V, 50 Hz

4 kW

Magnet system

Duty factor

100 %

Rated control supply voltage (Us) at AC, 50 Hz - min

230 V

Rated control supply voltage (Us) at AC, 50 Hz - max

230 V

Rated control supply voltage (Us) at AC, 60 Hz - min

240 V

Rated control supply voltage (Us) at AC, 60 Hz - max

Communication

Connection

Screw terminals

Contacts

Number of auxiliary contacts (normally closed contacts)

0

Number of auxiliary contacts (normally open contacts)

1

240 V

Rated control supply voltage (Us) at DC - min

0 V

Rated control supply voltage (Us) at DC - max

0 V

Design verification

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.

Resurse

Characteristic curve

eaton-contactors-switch-dilm-characteristic-curve.eps

eaton-contactors-switch-dilm-characteristic-curve-002.eps

Desene

eaton-contactors-module-dilm-dimensions.eps

eaton-contactors-module-dilm-dimensions-002.eps

eaton-contactors-frame-dilm-dimensions.eps

eaton-contactors-dilm-3d-drawing-007.eps

Instrucțiuni de instalare

IL034041ZU

Scheme electrice

eaton-contactors-contact-dilm-wiring-diagram.eps

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