Specifications

Eaton ICS-R16D024B100

Catalog Number: ICS-R16D024B100

Eaton Distribution parts. Installation relay, 24 V DC, 1NO, 16A



General specifications

Product Name	**Catalog Number**
Eaton Distribution parts	ICS-R16D024B100
EAN	**Product Length/Depth**
9010238030152	90 mm
Product Height	**Product Width**
73 mm	17.5 mm
Product Weight	**Compliances**
0.076 kg	RoHS conform

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Product specifications

Amperage Rating

16 A

Mounting method

DIN rail

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

Declarations of conformity

DA-DC-03_Z-R

Drawings

eaton-dimensions-mas-z-r-ics.jpg

Wiring diagrams

Z_R_1TE

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.

Equipment heat dissipation, current-dependent

0.4 W

Control voltage 1 type

DC

Control voltage 1 - max

26 V

Control voltage 1 - min

21 V

Control voltage 2 - max

0 V

Control voltage 2 - min

0 V

Frequency control voltage 1 - max

0 Hz

Frequency control voltage 1 - min

0 Hz

Frequency control voltage 2 - max

0 Hz

Frequency control voltage 2 - min

0 Hz

Incandescent lamp load - max

720 W

Load fluorescent lamp - max

303 VA

Load fluorescent lamp (duo circuit) - max

541 VA

Load fluorescent lamp (parallel compensated) - max

271 VA

Number of contacts (change-over contacts)

0

Number of contacts (normally closed contacts)

0

Number of contacts (normally open contacts)

1

Control voltage 2 type

DC

Rated operational current for specified heat dissipation (In)

16 A

Supply voltage - max

240 V

Supply voltage - min

240 V

Switching current (cos phi = 0.6) - max

5 A

Width in number of modular spacings

1

Built-in depth

60 mm

Voltage type

AC

Functions

Mechanical



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