Specifications

Eaton 193887

Catalog Number: 193887

Eaton Distribution parts. Installation contactor, 230VAC/50Hz, 2 N/C, 25A



General specifications

Product Name	**Catalog Number**
Eaton Distribution parts	193887
EAN	**Product Length/Depth**
9010238040304	85 mm
Product Height	**Product Width**
65 mm	17.7 mm
Product Weight	**Compliances**
0.14 kg	RoHS conform

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Product specifications

Amperage Rating

25 A

Features

Additional equipment possible

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-SC

DA-DC-03_Z-S

DA-DC-03_Z-SCH

DA-DC-03_Z-S_SC_SB

Drawings

eaton-wiring-diagram-z-sch-klem-bez4.jpg

eaton-dimensions-ma-sch40.jpg

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.

Degree of protection

IP20

Equipment heat dissipation, current-dependent

4.2 W

Heat dissipation per pole, current-dependent

3 W

Incandescent lamp load - max

3000 W

Load fluorescent lamp - max

1160 VA

Load fluorescent lamp (duo circuit) - max

2552 VA

Load fluorescent lamp (parallel compensated) - max

1044 VA

Number of contacts (normally closed contacts)

2

Number of contacts (normally open contacts)

0

Number of modular spacings

1

Rated operating voltage (Ue) - max

440 V

Rated operating voltage (Ue) - min

440 V

Rated operational current for specified heat dissipation (In)

25 A

Utility category

1

Voltage rating (excitation) - max

253 V

Voltage rating (excitation) - min

195.5 V

Built-in depth

60 mm

Voltage type

AC

Utilization category (according to EN IEC 60947-4-1)

AC-1

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