

Eaton 278439

Catalog Number: 278439

Eaton Moeller® series ZB Overload relay, ZB12, Ir= 4 - 6 A, 1 N/O, 1 N/C, Direct mounting, IP20

Product specifications



Rated operational current for specified heat dissipation (In)

6 A

Terminal capacity (flexible with ferrule)

- 2 x (1 - 4) mm², Main cables
- 1 x (0.75 - 2.5) mm², Control circuit cables
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- 1 x (1 - 4) mm², Main cables

10.11 Short-circuit rating

Is the panel builder's responsibility. The specifications for the switchgear must be observed.

Stripping length (control circuit cable)

8 mm

Ambient operating temperature (enclosed) - min

25 °C

10.4 Clearances and creepage distances

Meets the product standard's requirements.

10.12 Electromagnetic compatibility

Is the panel builder's responsibility. The specifications for the switchgear must be observed.

Mounting method

Direct mounting

10.2.5 Lifting

Does not apply, since the entire switchgear needs to be evaluated.

Stripping length (main cable)

10 mm

Ambient operating temperature (enclosed) - max

40 °C

10.2.3.1 Verification of thermal stability of enclosures

Meets the product standard's requirements.

- Automatic
- Push-button

Short-circuit current rating (high fault at 600 V)

100 kA, Fuse, SCCR (UL/CSA)

Resources

Catalogues

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

Characteristic curve

[eaton-tripping-devices-zb-overload-relay-characteristic-curve-008.eps](#)

[eaton-tripping-zb-overload-relay-characteristic-curve-002.eps](#)

Drawings

[eaton-tripping-devices-overload-relay-zb-overload-relay-dimensions-003.eps](#)

[eaton-tripping-devices-overload-relay-zb-overload-relay-3d-drawing.eps](#)

eCAD model

[ETN.ZB12-6](#)

Installation instructions

[IL03407015Z](#)

[IL03407195Z](#)

mCAD model

[DA-CD-zb12](#)

[DA-CS-zb12](#)

User guides

[eaton-motor-protective-relay-zb12-zb32-overload-monitoring-exe-manual-mn03407004z-de-de-en-us.pdf](#)

Wiring diagrams

[eaton-tripping-devices-overload-relay-zb-overload-relay-wiring-diagram-002.eps](#)