

## INDUSTRIAL COMPONENT DATA

# ZB12-1 278435 Y7-278435 EATON ELECTRIC Overload relay, 0.6 1 A, 1N/O+1N/C

Brand: EATON - MOELLER | Manufacturer Part Number: ZB12-1



|                 |                        |
|-----------------|------------------------|
| Manufacturer    | EATON - MOELLER        |
| MPN / Reference | ZB12-1                 |
| Catalog number  | Y7-278435              |
| Category        | Thermal overload relay |
| Minimum order   | 1 Pcs                  |
| Document ID     | EO-1A87BDD590          |
| Generated       | 2026-08-05             |

## Product Overview

Overload relay, 0.6 - 1 A, 1N/O+1N/C

ZB12-1

Eaton Moeller® series ZB Overload relay, ZB12, Ir= 0.6 - 1 A, 1 N/O, 1 N/C, Direct mounting, IP20

Overload relay, Product range: Overload relay ZB up to 150 A, Accessories: Overload relays, Frame size: ZB12,

Phase-failure sensitivity: IEC/EN 60947, VDE 0660 Part 102, Description: Test/off button, Reset pushbutton manual/auto,

Trip-free release, Mounting type: Direct mounting, Auxiliary contacts N/O = Normally open: 1 N/O, Auxiliary contacts N/C =

Normally closed: 1 N/C, For use with: DILM7, DILM9, DILM12, DILM15,, DIULM7, DIULM9, DIULM12,, SDAINLM12,,

SDAINLM16,, SDAINLM22, Standards: IEC/EN 60947, VDE 0660, UL, CSA, Degree of Protection: IP20

## STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

Catalog path EATON - MOELLER &gt; Thermal Relays

## Additional Product Information

General specifications

Product Name Eaton Moeller® series ZB Thermal overload relay Catalog Number 278435 Model Code ZB12-1 EAN

4015082784355 Product Length/Depth 88 mm Product Height 67 mm Product Width 45 mm Product Weight 0.141 kg

Certifications IEC/EN 60947-4-1

UL 60947-4-1

CSA-C22.2 No. 60947-4-1-14

VDE 0660

UL

UL Category Control No.: NKCR

CSA Class No.: 3211-03

IEC/EN 60947

UL File No.: E29184

CSA

CE

CSA File No.: 012528 Product specifications

Features Trip-free release

Test/off button

Phase-failure sensitivity (according to IEC/EN 60947, VDE 0660 Part 102)

Reset pushbutton manual/auto 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. e...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / ZB12-1 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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