DATASHEET - ZB32-XEZ



Individual mounting base, for ZB32 overload relay

Powering Business Worldwide*

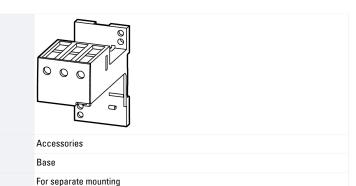
Part no. ZB32-XEZ
Catalog No. 278473
Alternate Catalog XTOBXDINC

No.

EL-Nummer 4131856

(Norway)

Delivery program



Notes

Product range

Accessories

For use with

Function

Can be snap fitted on a top-hat rail to IEC/EN 60715 or can be screw fitted.

For ZB32-38 use additional contactor BK25/3-PKZ0.

Technical data

Main conducting paths

| Main conducting paths | | | |
|---------------------------------------|----------------|-----------------|------------------------------|
| Rated impulse withstand voltage | U_{imp} | V AC | 6000 |
| Overvoltage category/pollution degree | | | III/3 |
| Rated insulation voltage | Ui | V | 690 |
| Rated operational voltage | U _e | V AC | 690 |
| Safe isolation to EN 61140 | | | |
| Between main circuits | | V AC | 440 |
| Terminal capacities | | mm^2 | |
| Solid | | mm ² | 1 x (1 - 16) 2 x (1 - 16) |
| Flexible with ferrule | | mm ² | 1 x (1 - 4) 2 x (1 - 4) |
| Solid or stranded | | AWG | 18 - 8 |
| Terminal screw | | | M4 |
| Tightening torque for terminal screw | | Nm | 1.8 |
| Stripping length | | mm | 10 |
| Tools | | | |
| Pozidriv screwdriver | | Size | 2 |
| Standard screwdriver | | mm | 1 x 6 |

ZB32

Design verification as per IEC/EN 61439

| chnical data for design verification | | | |
|--|-------------------|----|-----|
| Rated operational current for specified heat dissipation | In | Α | 38 |
| Heat dissipation per pole, current-dependent | P_{vid} | W | 0.1 |
| Equipment heat dissipation, current-dependent | P_{vid} | W | 0.3 |
| Static heat dissipation, non-current-dependent | P_{vs} | W | 0 |
| Heat dissipation capacity | P_{diss} | W | 0 |
| Operating ambient temperature min. | | °C | -25 |
| Operating ambient temperature max. | | °C | 55 |
| C/EN 61439 design verification | | | |

| 10.2 Strength of materials and parts | |
|--|---|
| 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 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric 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 Insulation properties | |
| 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 wiprovide heat dissipation data for the devices. |
| 10.11 Short-circuit rating | Is the panel builder's responsibility. The specifications for the switchgear must observed. |
| 10.12 Electromagnetic compatibility | Is the panel builder's responsibility. The specifications for the switchgear must observed. |
| 10.13 Mechanical function | The device meets the requirements, provided the information in the instruction leaflet (IL) is observed. |

Technical data ETIM 7.0

Low-voltage industrial components (EG000017) / Accessories for overload protection device (EC002027)

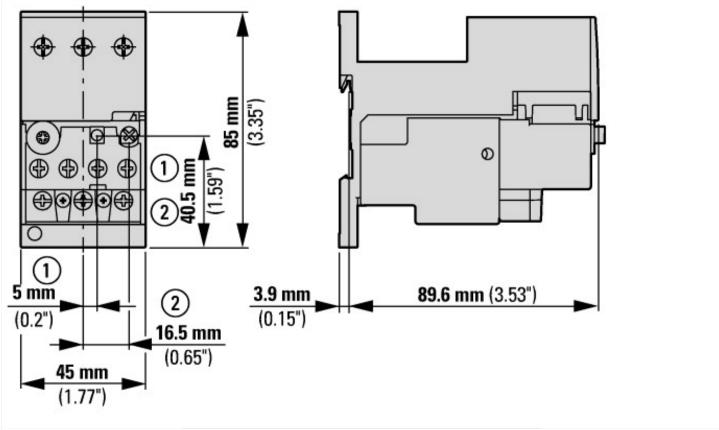
Electric engineering, automation, process control engineering / Low-voltage switch technology / Overload protection device / Overload protection device (accessories) (ecl@ss10.0.1-27-37-15-92 [AC0017011])

Type of accessory Base

Approvals

| Product Standards | UL 508; CSA-C22.2 No. 14; IEC/EN 60947-4-1; CE marking |
|--------------------------------------|--|
| UL File No. | E29184 |
| UL Category Control No. | NKCR |
| CSA File No. | 12528 |
| CSA Class No. | 3211-03 |
| North America Certification | UL listed, CSA certified |
| Specially designed for North America | No |
| Max. Voltage Rating | 600 V AC |
| Degree of Protection | IEC: IP20, UL/CSA Type: - |

Dimensions



① OFF ② Reset/ON

