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ZB65-XEZ - Individual mounting base, for ZB65 overload relay



278474 ZB65-XEZ

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## 278474 ZB65-XEZ

Individual mounting base, for ZB65 overload relay

Alternate Catalog No.

XT0BXDIND

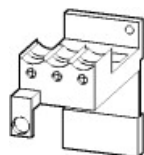
EL-Nummer (Norway)

4131857

Base for separate mounting of overload relay frame size ZB65

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- [Design verification as per IEC/EN 61439](#)
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### Delivery program



Product range

Accessories

Accessories

Base

Function

For separate mounting

For use with

ZB65

#### Notes

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

Rated impulse withstand voltage [ $U_{imp}$ ]

6000 V AC

Overvoltage category/pollution degree

III/3

Rated insulation voltage [ $U_i$ ]

690 V

Rated operational voltage [ $U_e$ ]

690 V AC  
 Safe isolation to EN 61140 Between main circuits  
 440 V AC  
 Terminal capacities Solid  
 1 x (1 - 16)  
 2 x (1 - 16) mm<sup>2</sup>  
 Terminal capacities Flexible with ferrule  
 1 x (1 - 25)  
 2 x (1 - 25) mm<sup>2</sup>  
 Terminal capacities Stranded  
 1 x (16 - 35) mm<sup>2</sup>  
 Terminal capacities Solid or stranded  
 14 - 2 AWG  
 Terminal screw  
 M6  
 Tightening torque for terminal screw  
 3.5 Nm  
 Stripping length  
 11 mm  
 Tools Pozidriv screw driver  
 2 Size  
 Tools Standard screw driver  
 1 x 6 mm

## Design verification as per IEC/EN 61439

Technical data for design verification

Rated operational current for specified heat dissipation [ $I_r$ ]

75 A

Heat dissipation per pole, current-dependent [ $P_{id}$ ]

0.5 W

Equipment heat dissipation, current-dependent [ $P_{id}$ ]

1.5 W

Static heat dissipation, non-current-dependent [ $P_{vs}$ ]

0 W

Heat dissipation capacity [ $P_{diss}$ ]

0 W

Operating ambient temperature min.

-25 °C

Operating ambient temperature max.

+55 °C

IEC/EN 61439 design verification

10.2 Strength of materials and parts 10.2.2 Corrosion resistance

Meets the product standard's requirements.

10.2 Strength of materials and parts 10.2.3.1 Verification of thermal stability of enclosures

Meets the product standard's requirements.

10.2 Strength of materials and parts 10.2.3.2 Verification of resistance of insulating materials to normal heat

Meets the product standard's requirements.

10.2 Strength of materials and parts 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 Strength of materials and parts 10.2.4 Resistance to ultra-violet (UV) radiation

Meets the product standard's requirements.

10.2 Strength of materials and parts 10.2.5 Lifting

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

10.2 Strength of materials and parts 10.2.6 Mechanical impact

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

10.2 Strength of materials and parts 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 Insulation properties 10.9.3 Impulse withstand voltage

Is the panel builder's responsibility.

#### 10.9 Insulation properties 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 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.

## 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 [ACC0017011])

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

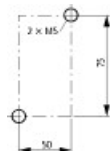
IEC: IP00, UL/CSA Type: -

## Dimensions



OFF

Reset/ON



## CAD data

- [Product-specific CAD data](#)  
(Web)
- [3D Preview](#)  
(Web)

## DWG files

- [DA-CD-zb65\\_xez](#)  
File  
(Web)

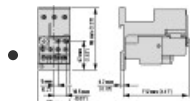
## edz files

- [DA-CE-ETN.ZB65-XEZ](#)  
File  
(Web)

## Step files

- [DA-CS-zb65\\_xez](#)  
File  
(Web)

## Dimensions single product

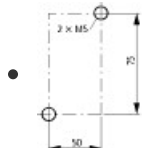


[230X024](#)

Line drawing

ZB overload relay with socket

- OFF
- Reset/ON

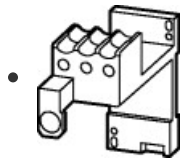


[2310DIM-9](#)

Line drawing

ZB overload relay with socket

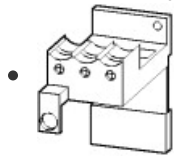
## 3D drawing



[230I016](#)

Line drawing

Overload relay plinth



[230I096](#)

Line drawing

Overload relay plinth

## Product photo



[2300PIC-16](#)

Photo

## Instruction Leaflet

- [ZB65 Overload relay up to 65 A \(IL03407008Z\)](#)  
Asset

# Declaration of Conformity

## EU

- [ZB65 \(DA-DC-00003309\)](#)  
Asset  
(PDF)
- [Overload relay ZB-C \(DA-DC-00003315\)](#)  
Asset  
(PDF)

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