#### **DATASHEET - ZB32-XEZ**



## Individual mounting base, for ZB32 overload relay

Powering Business Worldwide\*

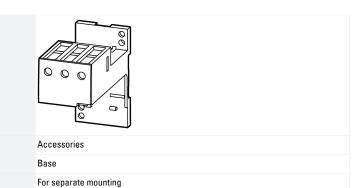
Part no. ZB32-XEZ
Catalog No. 278473
Alternate Catalog XTOBXDINC

No.

EL-Nummer 0004131856

(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**

U <sub>imp</sub>	V AC	6000
		III/3
Ui	V	690
U <sub>e</sub>	V AC	690
	V AC	440
	$mm^2$	
	mm <sup>2</sup>	1 x (1 - 16) 2 x (1 - 16)
	mm <sup>2</sup>	1 x (1 - 4) 2 x (1 - 4)
	AWG	18 - 8
		M4
	Nm	1.8
	mm	10
	Size	2
	mm	1 x 6
	Ui	U <sub>i</sub> V U <sub>e</sub> V AC  V AC  mm <sup>2</sup> mm <sup>2</sup> AWG  Nm  mm

ZB32

## Design verification as per IEC/EN 61439

Reted operational current for specified heat dissipation In A 38 Heat dissipation per pole, current-dependent Pvid W 0.1 Equipment heat dissipation, current-dependent Pvid W 0.3 Static heat dissipation, non-current-dependent Pvs W 0 Heat dissipation capacity Pdiss W 0 Operating ambient temperature min. °C -25 Operating ambient temperature max. °C 55  EC/EN 61439 design verification	•			
Heat dissipation per pole, current-dependent  P <sub>vid</sub> W  0.1  Equipment heat dissipation, current-dependent  P <sub>vid</sub> W  0.3  Static heat dissipation, non-current-dependent  P <sub>vs</sub> W  0  Heat dissipation capacity  P <sub>diss</sub> W  0  Operating ambient temperature min.	echnical data for design verification			
Equipment heat dissipation, current-dependent P <sub>vid</sub> W 0.3  Static heat dissipation, non-current-dependent P <sub>vs</sub> W 0  Heat dissipation capacity P <sub>diss</sub> W 0  Operating ambient temperature min. °C -25  Operating ambient temperature max. °C 55	Rated operational current for specified heat dissipation	In	Α	38
Static heat dissipation, non-current-dependent  P <sub>vs</sub> W  0  Heat dissipation capacity  P <sub>diss</sub> W  0  Operating ambient temperature min.  °C  -25  Operating ambient temperature max.  °C  55	Heat dissipation per pole, current-dependent	$P_{vid}$	W	0.1
Heat dissipation capacity  P <sub>diss</sub> W 0  Operating ambient temperature min. °C -25  Operating ambient temperature max. °C 55	Equipment heat dissipation, current-dependent	$P_{\text{vid}}$	W	0.3
Operating ambient temperature min.  Operating ambient temperature max.  °C -25  Operating ambient temperature max.	Static heat dissipation, non-current-dependent	$P_{vs}$	W	0
Operating ambient temperature max. °C 55	Heat dissipation capacity	P <sub>diss</sub>	W	0
	Operating ambient temperature min.		°C	-25
EC/EN 61439 design verification	Operating ambient temperature max.		°C	55
	EC/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.
0.4 Clearances and creepage distances	Meets the product standard's requirements.
0.5 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.
0.7 Internal electrical circuits and connections	Is the panel builder's responsibility.
0.8 Connections for external conductors	Is the panel builder's responsibility.
0.9 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.
0.10 Temperature rise	The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
0.11 Short-circuit rating	Is the panel builder's responsibility. The specifications for the switchgear mus observed.
0.12 Electromagnetic compatibility	Is the panel builder's responsibility. The specifications for the switchgear mus observed.
0.13 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**

UL 508; CSA-C22.2 No. 14; IEC/EN 60947-4-1; CE marking
E29184
NKCR
12528
3211-03
UL listed, CSA certified
No
600 V AC
IEC: IP20, UL/CSA Type: -

# **Dimensions**

