

## Individual mounting base, for ZB65 overload relay

**Part no.** ZB65-XEZ  
**Catalog No.** 278474  
**Alternate Catalog No.** XTOBXDIND  
**EL-Nummer (Norway)** 4131857

## Delivery program

Product range		Accessories
Accessories		Base
Function		For separate mounting
For use with		ZB65
<b>Notes</b>		
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 <sub>imp</sub>	V AC	6000
Overvoltage category/pollution degree			III/3
Rated insulation voltage	U <sub>i</sub>	V	690
Rated operational voltage	U <sub>e</sub>	V AC	690
Safe isolation to EN 61140			
Between main circuits		V AC	440
Terminal capacities		mm <sup>2</sup>	
Solid		mm <sup>2</sup>	1 x (1 - 16) 2 x (1 - 16)
Flexible with ferrule		mm <sup>2</sup>	1 x (1 - 25) 2 x (1 - 25)
Stranded		mm <sup>2</sup>	1 x (16 - 35)
Solid or stranded		AWG	14 - 2
Terminal screw			M6
Tightening torque for terminal screw		Nm	3.5
Stripping length		mm	11
Tools			
Pozidriv screwdriver		Size	2
Standard screwdriver		mm	1 x 6

## Design verification as per IEC/EN 61439

Technical data for design verification			
Rated operational current for specified heat dissipation	I <sub>n</sub>	A	75
Heat dissipation per pole, current-dependent	P <sub>vid</sub>	W	0.5
Equipment heat dissipation, current-dependent	P <sub>vid</sub>	W	1.5
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
IEC/EN 61439 design verification			
10.2 Strength of materials and parts			
10.2.2 Corrosion resistance			Meets the product standard's requirements.
10.2.3.1 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 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 8.0

Low-voltage industrial components (EG000017) / Accessories/spare parts for overload protection device (EC002027)			
Electric engineering, automation, process control engineering / Low-voltage switch technology / Overload protection device / Overload protection device (accessories) (ecI@ss10.0.1-27-37-15-92 [AC0017011])			
Type of accessory/spare part			Base
Accessory			Yes
Spare part			No