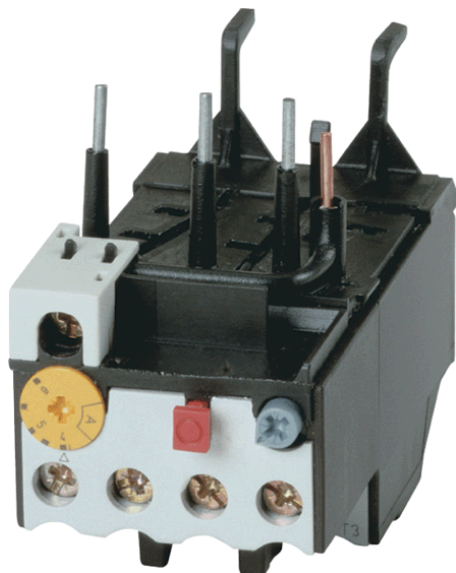
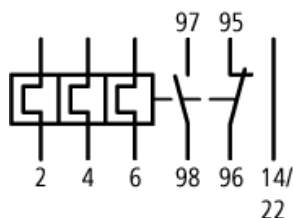


Type: **ZB32-2,4**
 Article No.: **278448**



Ordering information			
Overload release, min. – max.	I_r	A	1,6 – 2,4
Auxiliary contacts M = Make			1 M
Auxiliary contacts B = Break			1 B
For use with			DILM17, DILM25, DILM32, DIULM17, DIULM25, DIULM32, SDAINLM30, SDAINLM45, SDAINLM55
Short-circuit protection Type “1” coordination	gG/gL	A	25
Short-circuit protection Type “2” coordination	gG/gL	A	10

Contact sequence



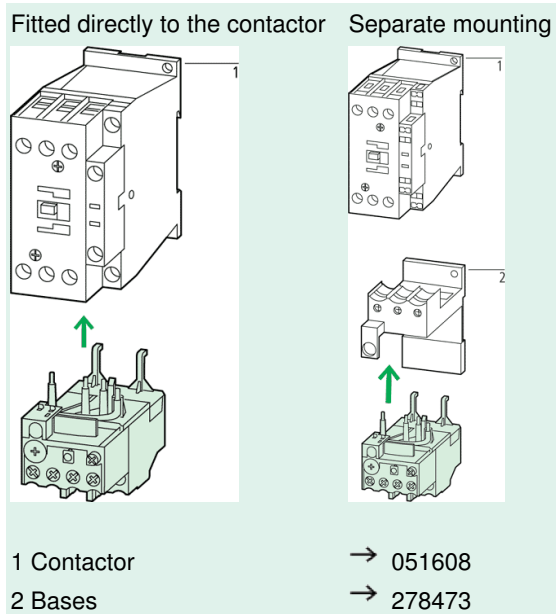
Note concerning the product

Overload release: tripping class 10 A

Short-circuit protection: Observe the maximum permissible fuse of the contactor with direct device mounting.

Suitable for protection of EEx e-motors. EC prototype test certification on request.

Notes concerning the product group



General			
Standards			IEC/EN 60947, VDE 0660, UL, CSA
Climatic proofing			Damp heat, constant, to IEC 60068–2–78; Damp heat, cyclic, to IEC 60068–2–30
Ambient temperature			
Open		°C	–25/50
Enclosed		°C	–25/40
Temperature compensation			Continuous
Weight			
Mechanical shock resistance half-sinusoidal shock 10 ms to IEC 60068–2–27		g	10
Protection type			IP00
Protection against direct contact when actuated from front (IEC 536)			Finger- and back-of-hand proof
Main conducting paths			
Rated impulse withstand voltage	U_{imp}	V AC	6000
Overvoltage category/pollution degree			III/3
Rated insulation voltage			
AC	U_i	V AC	690
Rated operational voltage	U_e	V AC	690
Safe isolation to VDE 0106 Part 101 and Part 101/A1			
Between auxiliary contacts and main contacts		V AC	440
Between main circuits		V AC	440
Overload release setting range		A	0,1 – 32
Temperature compensation residual error > 20°C		%/K	f 0.25
Current heat loss (3 conductors)			
Lower value of the setting range		W	2,5
Maximum setting		W	6

Terminal capacities			
Solid		mm ²	2 × (1 – 6)
Flexible with ferrule		mm ²	2 × (1 – 4) 2 × (1 – 6)
Solid or stranded		AWG	14 – 8
Terminal screw			M4
Tightening torque		Nm	1.8
Tools			
Pozidriv screwdriver		Size	2
Standard screwdriver		mm	1 × 6

Auxiliary and control circuits

Rated impulse withstand voltage	U_{imp}	V	6000
Overvoltage category/pollution degree			III/3
Terminal capacities			
Solid		mm ²	2 × (0.75 – 4)
Flexible with ferrule		mm ²	2 × (0.75 – 2.5)
Solid or stranded		AWG	2 × (18 – 12)
Terminal screw			M3.5
Tightening torque		Nm	0.8 – 1.2
Tools			
Pozidriv screwdriver		Size	2
Standard screwdriver		mm	1 × 6
Rated insulation voltage	U_i	V AC	500
Rated operational voltage	U_e	V AC	500
Safe isolation to VDE 0106 Part 101 and Part 101/A1 between the auxiliary contacts		V AC	240
Conventional thermal current	I_{th}	A	6
Rated operational current			
AC–15			
Make contact			
120 V	I_e	A	1,5
240 V	I_e	A	1,5
415 V	I_e	A	0,5
500 V	I_e	A	0,5
Break contact			
120 V	I_e	A	1,5
240 V	I_e	A	1,5
415 V	I_e	A	0,9
500 V	I_e	A	0,8
DC–13 L/R f 15 ms			
24 V	I_e	A	0,9
60 V	I_e	A	0,75
110 V	I_e	A	0,4
220 V	I_e	A	0,2
Short-circuit rating without welding			

max. fuse

A gG/gL 6

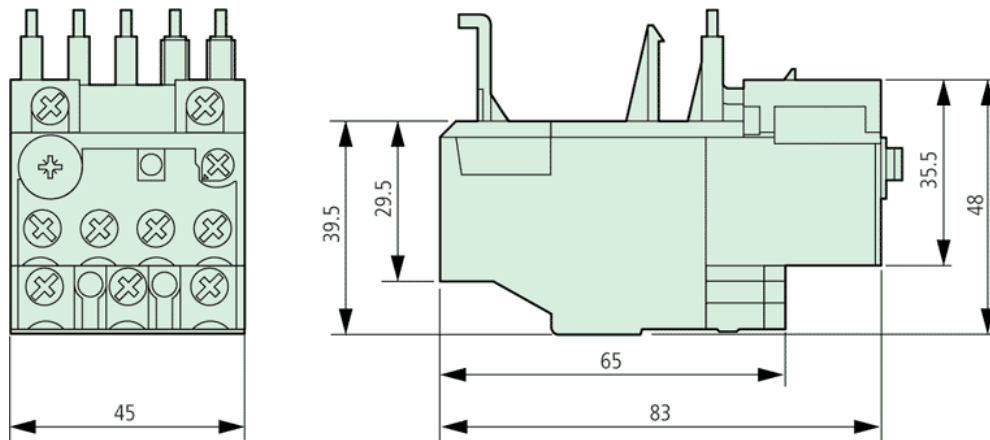
Notes

Ambient temperature: operating range to IEC/EN 60947, PTB: -5°C to $+50^{\circ}\text{C}$
Rated operational current: Making and breaking conditions to DC-13, L/R constant as stated
See overlay: "Fuses" for short-circuit rating time/current characteristic (please enquire)
6 mm² flexible with ferrules to DIN 46228

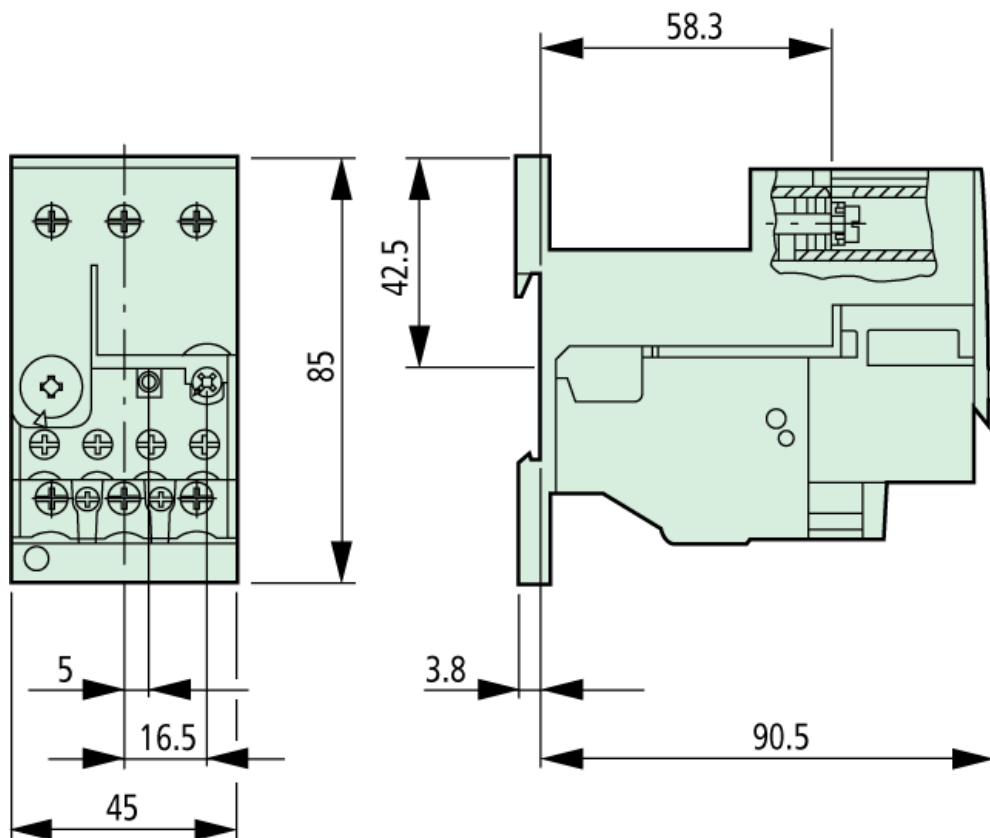
Dimensions

With base ZB32-XEZ

Dimensions



Dimensions



Moeller GmbH, Hein-Moeller-Str. 7-11, D-53115 Bonn
E-Mail: catalog@moeller.net, Internet: www.moeller.net, <http://catalog.moeller.net>
Copyright 2005 by Moeller GmbH. Subject to modifications. HPL-C2005GB-INT V3.0

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [eaton](#) manufacturer:

Other Similar products are found below :

[BK-MDL-3-R](#) [BK1-S506-500-R](#) [BK1-S506-6-3-R](#) [BK1-S506-2-R](#) [MPI4040R4-1R5-R](#) [BK/MDA-15](#) [TDC600-10A](#) [8946K153](#) [8961K155](#)
[M22-D-R-GB0/K11](#) [M22-L-R/R](#) [630NHG3B](#) [63ET](#) [6422](#) [6580](#) [CTX20-16-52LP-R](#) [CWL530FI](#) [CXM/CO/GP/R/BB](#) [6HD36](#) [714125](#) [MBO-](#)
[2](#) [7314K36](#) [7321K2](#) [F02A-1-1/2A](#) [F02A-1-1/2AS](#) [F02A-1AS](#) [F02A-2AS](#) [F02A-3/4A](#) [F03A250V12A](#) [F03B125V4A](#) [MCR-4](#) [MDA-2-8/10-](#)
[R](#) [MDA-30A](#) [MDA-V-1/16](#) [F60C500V10AS](#) [F60C500V15AS](#) [7563K84](#) [7634K36](#) [MDQ-3/16](#) [MDQ-7/10](#) [MDQ-V-1/10](#) [MDQ-V-1-1/4](#)
[MDQ-V-1/16](#) [MDQ-V-1/2](#) [MDQ-V-1/4](#) [MDQ-V-3/16](#) [MDQ-V-3/8](#) [MDQ-V-6/10](#) [MDQ-V-6-1/4](#) [MDV-1-1/2](#)