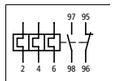
Overload releases	Contact sequence	Auxiliary contacts N/O = Normally	Auxiliary contacts N/C = Normally	For use with	Short-circuit protection Type "1" coordination gG/gL	Short-circuit protection Type "2" coordination gG/gL
I_r						
A					A	A

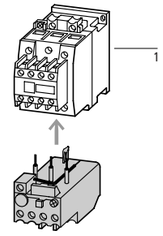
ZE overload relay for mini contactor

Phase failure sensitivity to IEC/EN 60947
For direct mounting
Ex
PTB 01 ATEX 3331

	0.1…0.16		1 N/O	1 N/C	DILEM DIULEM/21/MV SDAINLEM	20	0.5
	0.16…0.24						1
	0.24…0.4						2
	0.4…0.6						2
	0.6…1						4
	1…1.6						6
	1.6…2.4						6
	2.4…4						10
	4…6						
	6…9						

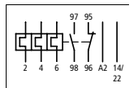
Part no. Article no.	Price see price list	Std. pack	Notes
ZE-0,16 014263		1 off	Overload release: tripping class 10 A Short-circuit protection: Observe the maximum permissible fuse of the contactor with direct device mounting. Ex Observe manual AWB2300-1425, German or English.
ZE-0,24 014285			
ZE-0,4 014300			
ZE-0,6 014333			
ZE-1,0 014376			
ZE-1,6 014432			
ZE-2,4 014479			
ZE-4 014518			
ZE-6 014565			
ZE-9 014708			

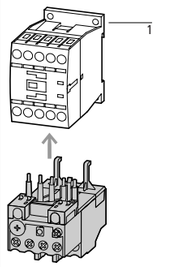
When fitted directly to the contactor a clearance of at least 5 mm is required between the overload relays.



1 Contactor → page 5/3
Accessories → page 2/39
Manual → page 6/18

Bimetal Relay

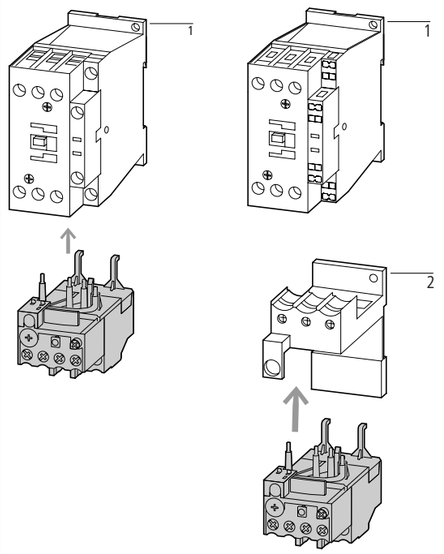
Setting range Overload releases I_r A	Contact sequence	Auxiliary contacts N/O = Normally	N/C = Normally	For use with	Short-circuit protection Type "1" coordination gG/gL A	Type "2" coordination gG/gL A	Part no. Article no.	Price see price list	Std. pack	Notes
ZB12 overload relays										
Phase failure sensitivity to IEC/EN 60947, VDE 0660 Part 102 For direct mounting										
0.1…0.16		1 N/O	1 N/C	DILM7, DILM9, DILM12, DILM15, DIULM7, DIULM9, DIULM12, SDAINLM12, SDAINLM16, SDAINLM22	25	0.5	**ZB12-0,16** 278431		1 off	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. PTB 04 ATEX 3022 Observe manual AWB2300-1527D/GB.
0.16…0.24						1	**ZB12-0,24** 278432			
0.24…0.4						2	**ZB12-0,4** 278433			
0.4…0.6						4	**ZB12-0,6** 278434			
0.6…1						4	**ZB12-1** 278435			
1…1.6						6	**ZB12-1,6** 278436			
1.6…2.4						10	**ZB12-2,4** 278437			
2.4…4						16	**ZB12-4** 278438			
4…6						20	**ZB12-6** 278439			
6…10					50	25	**ZB12-10** 278440			
9…12							**ZB12-12** 278441			
12…16							**ZB12-16** 290168			



Fitted directly to the contactor

1 Contactor → 5/17

ZB32 overload relays										
Phase failure sensitivity to IEC/EN 60947, VDE 0660 Part 102 For direct mounting										
0.1…0.16		1 N/O	1 N/C	DILM17, DILM25, DILM32, DIULM17, DIULM25, DIULM32, SDAINLM30, SDAINLM45, SDAINLM55	25	0.5	**ZB32-0,16** 278442		1 off	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. PTB 04 ATEX 3022 Observe manual AWB2300-1527D/GB.
0.16…0.24						1	**ZB32-0,24** 278443			
0.24…0.4						2	**ZB32-0,4** 278444			
0.4…0.6						4	**ZB32-0,6** 278445			
0.6…1						4	**ZB32-1** 278446			
1…1.6						6	**ZB32-1,6** 278447			
1.6…2.4						10	**ZB32-2,4** 278448			
2.4…4						16	**ZB32-4** 278449			
4…6						20	**ZB32-6** 278450			
6…10					50	25	**ZB32-10** 278451			
10…16					63	35	**ZB32-16** 278452			
16…24					100	35	**ZB32-24** 278453			
24…32					125	63	**ZB32-32** 278454			



Fitted directly to the contactor Separate mounting

1 Contactor → 5/17
2 Bases → 6/18