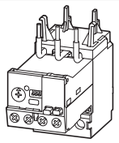
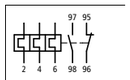
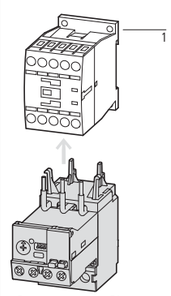
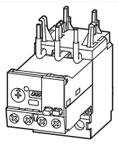
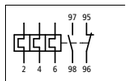
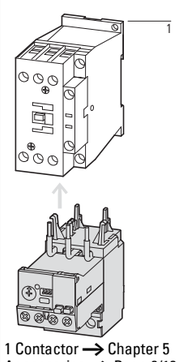
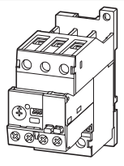
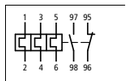
Ground fault detection	Setting range of overload releases I_r A	Circuit symbol	Auxiliary contact N/O = normally open contact NC = normally closed contact		For use with	**Part no.** Article no.	**Price** See price list	Std. pack	**Notes**
ZEB12 electronic overload relay									
• Phase-failure sensitivity • Test/off pushbutton • Reset button • Manual/Auto reset selectable • Protection with heavy starting duty (Class 5-30)									
Direct mounting									
	Without	0.33 – 1.65		1 N/O	1 NC	DILM7 DILM9 DILM12 DILM15 DIULM7 DIULM9 DIULM12 SDAINLM12 SDAINLM16 SDAINLM22	**ZEB12-1,65** 136480		1 Off	Suitable for protection of EEx e motors. II (2) GD PTB ATEX starting 08/2010 Observe manual AWB2320-1633D/GB. Switchgear and cable dimensioning according to CLASS → Page 6/22	Fitted directly to the contactor  1 Contactor → Chapter 5 Accessories → Page 6/18
	Without	1 – 5					**ZEB12-5** 136481			
	Without	4 – 20					**ZEB12-20** 136482			
	With	0.33 – 1.65					**ZEB12-1,65-GF** 136483			
	With	1 – 5					**ZEB12-5-GF** 136484			
	With	4 – 20					**ZEB12-20-GF** 136485			
ZEB32 electronic overload relay									
• Phase-failure sensitivity • Test/off pushbutton • Reset button • Manual/Auto reset selectable • Protection with heavy starting duty (Class 5-30)									
Direct mounting									
	Without	0.33 – 1.65		1 N/O	1 NC	DILM17 DILM25 DILM32 DILM38 DIULM17 DIULM25 DIULM32 SDAINLM30 SDAINLM45 SDAINLM55	**ZEB32-1.65** 136486		1 Off	Suitable for protection of EEx e motors. II (2) GD PTB ATEX starting 08/2010 Observe manual AWB2320-1633D/GB. Switchgear and cable dimensioning according to CLASS → Page 6/22	Fitted directly to the contactor  1 Contactor → Chapter 5 Accessories → Page 6/18
	Without	1 – 5					**ZEB32-5** 136487			
	Without	4 – 20					**ZEB32-20** 136488			
	Without	9 – 45					**ZEB32-45** 136489			
	With	0.33 – 1.65					**ZEB32-1,65-GF** 136490			
	With	1 – 5					**ZEB32-5-GF** 136491			
	With	4 – 20					**ZEB32-20-GF** 136492			
	With	9 – 45					**ZEB32-45-GF** 136493			
Separate mounting									
	Without	0.33 – 1.65		1 N/O	1 NC	DILM17 DILM25 DILM32 DILM38 DIULM17 DIULM25 DIULM32 SDAINLM30 SDAINLM45 SDAINLM55	**ZEB32-1,65/KK** 136494		1 Off	Suitable for protection of EEx e motors. II (2) GD PTB ATEX starting 08/2010 Observe manual AWB2320-1633D/GB. Switchgear and cable dimensioning according to CLASS → Page 6/22	
	Without	1 – 5					**ZEB32-5/KK** 136495			
	Without	4 – 20					**ZEB32-20/KK** 136496			
	Without	9 – 45					**ZEB32-45/KK** 136497			
	With	0.33 – 1.65					**ZEB32-1,65-GF/KK** 136498			
	With	1 – 5					**ZEB32-5-GF/KK** 136499			
	With	4 – 20					**ZEB32-20-GF/KK** 136500			
	With	9 – 45					**ZEB32-45-GF/KK** 136501			

Information relevant for export to North America

Product Standards	UL 508; CSA-C22.2 No. 14; IEC/EN 60947-4-1; CE marking
NA Certification	Request filed for UL and CSA
Suitable for	Branch circuits
Max. Voltage Rating	600 V AC
Degree of Protection	IEC: IP20, UL/CSA Type: -