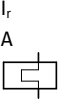


Z5, ZW7

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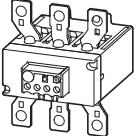
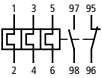
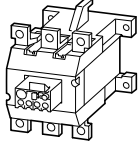
Overload relays greater than 150 A, CT-operated overload relays

Z5, ZW7

Setting range of overload releases	Circuit symbol	Auxiliary contacts	For use with	Short-circuit protection	
				Type “1” coordination gG/gL	Type “2” coordination gG/gL
		N/O = normally open contact NC = normally closed contact			

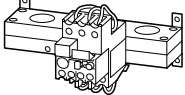
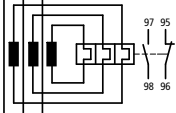
Z5 overload relays greater than 150A

- Phase failure sensitivity to IEC/EN 60947, VDE 0660 Part 102
 - Test/off pushbutton
 - Reset pushbutton manual/auto
 - Trip-free release
- Direct mounting
Separate mounting

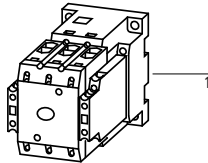
	50 – 70		1 N/O	1 NC	DILM185A DILM225A	250	160
	70 – 100					250	160
	95 – 125					315	200
	120 – 160					315	200
	160 – 220					315	250
	200 – 250					315	250
	50 – 70				DILM250	400	250
	70 – 100					400	250
	95 – 125					400	315
	120 – 160					400	315
	160 – 220					500	400
	200 – 250					500	400
	250 – 300					500	400
					DILM300A	500	400
						500	400

ZW7 current transformer-operated overload relays

- Test/off button
 - Reset pushbutton manual/auto
 - Trip-free release
 - Protection with heavy starting duty
- Separate mounting

	42 – 63		1 N/O	1 NC	–	–	–
	60 – 90				–	–	–
	85 – 125				–	–	–
	110 – 160				–	–	–
	160 – 240				–	–	–
	190 – 290				–	–	–
	270 – 400				–	–	–
	360 – 540				–	–	–
	420 – 630				–	–	–

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Part no. Article no.	Price See price list	Std. pack	Notes	Information relevant for export to North America	
				 	
Z5-70/FF225A 139572		1 Off  	Overload release: tripping class 10 A Short-circuit protection: With direct mounting, observe the maximum permissible fuse of the contactor. Z5-.../FF225A for protecting EEx electric motors in preparation. Fitted directly to the contactor  1 Contactor → Chapter 5 Accessories → Page 6/27	Product Standards UL 508; CSA-C22.2 No. 14; IEC/EN 60947-4-1; CE marking NA Certification Suitable for Max. Voltage Rating Degree of Protection See also	Request filed for UL and CSA Branch circuits 600 V AC IEC: IP00, UL/CSA Type: - → Page 6/29
Z5-100/FF225A 139573					
Z5-125/FF225A 139574					
Z5-160/FF225A 139575					
Z5-220/FF225A 139576					
Z5-250/FF225A 139577					
Z5-70/FF250 210070					
Z5-100/FF250 210071					
Z5-125/FF250 210072					
Z5-160/FF250 210073					
Z5-220/FF250 210074					
Z5-250/FF250 210075					
Z5-300/FF250 139578					
				Product Standards UL 508; CSA-C22.2 No. 14; IEC/EN 60947-4-1; CE marking UL File No. UL CCN CSA File No. CSA Class No. NA Certification Suitable for Max. Voltage Rating Degree of Protection See also	Request filed for UL and CSA Branch circuits 600 V AC IEC: IP00, UL/CSA Type: - → Page 6/29
ZW7-63 000245		1 Off  	The main current characteristic values are defined by the main current wiring being used. Adjustment for smaller rated motor currents → Page 6/28	Product Standards UL 508; CSA-C22.2 No. 14; IEC/EN 60947-4-1; CE marking UL File No. UL CCN CSA File No. CSA Class No. NA Certification Suitable for Max. Voltage Rating Degree of Protection	Request filed for UL and CSA Branch circuits 600 V AC IEC: IP00, UL/CSA Type: -
ZW7-90 002618					
ZW7-125 004991					
ZW7-160 007364					
ZW7-240 009737					
ZW7-290 052448					
ZW7-400 045329					
ZW7-540 047702					
ZW7-630 050075					
				1 Off	—