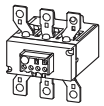
Setting range of overload releases I_r A	Circuit symbol	Auxiliary contacts N/O = normally open contact NC = normally closed contact		For use with	Short-circuit protection Type "1" coordination gG/gL A	Short-circuit protection Type "2" coordination gG/gL A	**Part no.** Article no.	**Price** See price list	Std. pack	**Notes**	**Information relevant for export to North America**

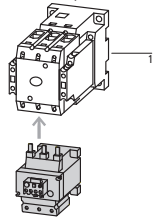
Z5 overload relays greater than 150A

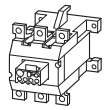
- Phase failure sensitivity to IEC/EN 60947, VDE 0660 Part 102
- Test/off pushbutton
- Reset pushbutton manual/auto
- Trip-free release

Direct mounting
Separate mounting





Setting range of overload releases I_r A	1 N/O	1 NC	For use with	Short-circuit protection Type "1" coordination gG/gL A	Short-circuit protection Type "2" coordination gG/gL A	Part no.	Price	Std. pack	Notes	Information relevant for export to North America
50 – 70	1 N/O	1 NC	DILM185A DILM225A	250 250	160 160	**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 Request filed for UL and CSA Suitable for Branch circuits Max. Voltage Rating 600 V AC Degree of Protection IEC: IP00, UL/CSA Type: - See also → Page 6/29
70 – 100				315 315	200 200	**Z5-100/FF225A** 139573				
95 – 125				315 315	250 250	**Z5-125/FF225A** 139574				
120 – 160				400 400	250 250	**Z5-160/FF225A** 139575				
160 – 220				400 500	315 400	**Z5-220/FF225A** 139576				
200 – 250				400 500	315 400	**Z5-250/FF225A** 139577				

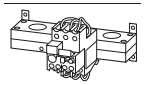


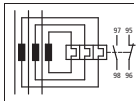
Setting range of overload releases I_r A	1 N/O	1 NC	For use with	Short-circuit protection Type "1" coordination gG/gL A	Short-circuit protection Type "2" coordination gG/gL A	Part no.	Price	Std. pack	Notes	Information relevant for export to North America
50 – 70			DILM250	250 250	160 160	**Z5-70/FF250** 210070				Product Standards UL 508; CSA-C22.2 No. 14; IEC/EN 60947-4-1; CE marking UL File No. E29184 UL CCN NKCR CSA File No. 12528 CSA Class No. 3211-03 NA Certification UL Listed, CSA certified Suitable for Branch circuits Max. Voltage Rating 600 V AC Degree of Protection IEC: IP00, UL/CSA Type: - See also → Page 6/29
70 – 100				315 315	200 200	**Z5-100/FF250** 210071				
95 – 125				315 315	250 250	**Z5-125/FF250** 210072				
120 – 160				400 400	250 250	**Z5-160/FF250** 210073				
160 – 220				400 500	315 400	**Z5-220/FF250** 210074				
200 – 250				400 500	315 400	**Z5-250/FF250** 210075				
250 – 300			DILM300A	500 500	400 400	**Z5-300/FF250** 139578				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: IP00, UL/CSA Type: -

ZW7 current transformer-operated overload relays

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

Separate mounting





Setting range of overload releases I_r A	1 N/O	1 NC	For use with	Short-circuit protection Type "1" coordination gG/gL A	Short-circuit protection Type "2" coordination gG/gL A	Part no.	Price	Std. pack	Notes	Information relevant for export to North America
42 – 63	1 N/O	1 NC	–	–	–	**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. E29184 UL CCN NKCR CSA File No. 12528 CSA Class No. 3211-03 NA Certification UL Listed, CSA certified Suitable for Branch circuits Max. Voltage Rating 600 V AC Degree of Protection IEC: IP00, UL/CSA Type: -
60 – 90			–	–	–	**ZW7-90** 002618				
85 – 125			–	–	–	**ZW7-125** 004991				
110 – 160			–	–	–	**ZW7-160** 007364				
160 – 240			–	–	–	**ZW7-240** 009737				
190 – 290			–	–	–	**ZW7-290** 052448				
270 – 400			–	–	–	**ZW7-400** 045329				
360 – 540			–	–	–	**ZW7-540** 047702				
420 – 630			–	–	–	**ZW7-630** 050075		1 Off		–