

Overload relay

Motor protection is one of the most important tasks when machines are to equipped electrically. You will find the correct solution for every application, from the price efficient bimetal solution up to the more demanding networked, full motor protection.



Bimetal overload relays
Overload relays up to 630 A

- Saves mounting time due to direct mounting onto contactor
- ATEX approval for the protection of EEx e motors up to 250 A
- Single-phasing sensitivity offers wide-ranging motor protection
- Integrated Test button gives higher safety

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EMT6 thermistor machine protection relays

- Overload protection by direct evaluation of the winding temperature
- Fast recognition of operating state by LED display
- Suitable for overload monitoring of EEx e motors
- Reduced variants due to wide-range power supply

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ZEV electronic motor-protective relay
Overload relays up to 820 A

- Flexible mounting using Rogowski current transformers
- Simple parameterisation reduced commissioning time
- ATEX approval for the protection of EEx e motors
- Short downtime due to error messages in display
- Additional thermistor evaluation offers full motor protection

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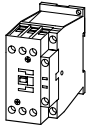
Setting ranges (A)
(Note max. current of
the contactor)



DILEM

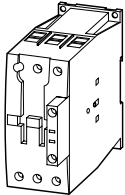


DILM7
DILM9
DILM12

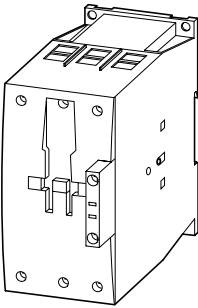


DILM15

DILM17
DILM25
DILM32



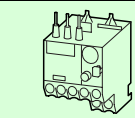
DILM40
DILM50
DILM65



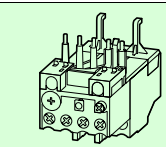
DILM80
DILM95
DILM115
DILM150
DILM170

Overload relays

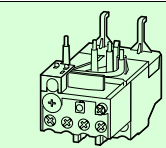
ZE



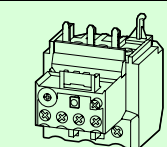
ZB12
0.1 – 16



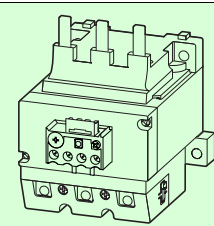
ZB32
0.1 – 32



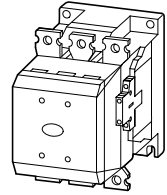
ZB65
6 – 65



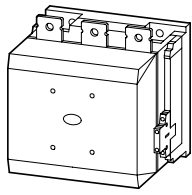
ZB150
25-150



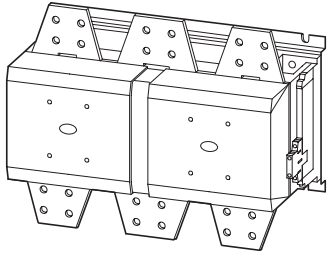
Z5-.../FF250
50-250



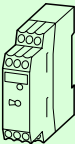
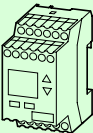
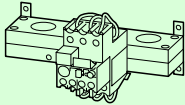
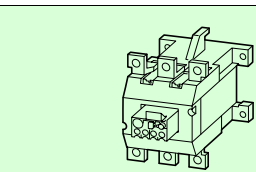
M185
M225
M250



M300
M400
M500
M580
M650



DILM1600

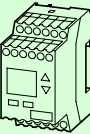


CT-operated overload relay

ZW7-...¹⁾
42 – 630

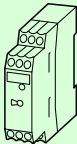
Electronic motor-protective relay

ZE²⁾
1 – 820



Thermistor machine protection overload relays

EMT6((DB)K)



Notes

¹⁾ Can only be used up to DILM580
²⁾ Can only be used up to DILM820

