

Overload relay 24 - 40A

Part no. ZB65-40

Article no. 278458



Powering Business Worldwide™

Delivery programme

| | | | |
|---------------------------|-------|---|--|
| Product range | | | Overload relay ZB up to 150 A |
| Frame size | | | ZB65 |
| Phase-failure sensitivity | | | IEC/EN 60947, VDE 0660 Part 102 |
| Description | | | Test/off button Reset pushbutton manual/auto Trip-free release |
| Mounting type | | | Direct mounting |
| | I_r | A | 24 - 40 |
| Contact sequence | | | |
| Auxiliary contacts | | | |
| N/O = Normally open | | | 1 N/O |
| N/C = Normally closed | | | 1 N/C |
| For use with | | | DILM40, DILM50, DILM65, DILM72, DILMF40, DILMF50, DILMF65, DIULM40, DIULM50, DIULM65, SDAINLM70, SDAINLM90, SDAINLM115 |
| Short-circuit protection | | | |
| Type "1" coordination | gG/gL | A | 125 |
| Type "2" coordination | gG/gL | A | 63 |

Notes

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 Ex e-motors.



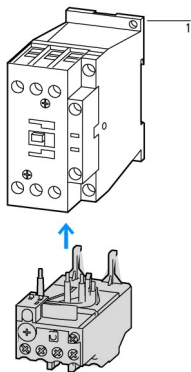
II (2) GD

PTB 10 ATEX 3010

Observe manual MN03407005Z-DE/EN.

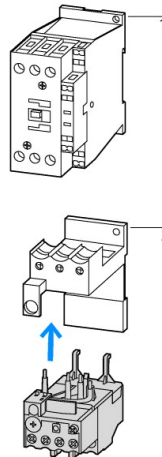
Notes

Fitted directly to the contactor



1 Contactor
2 Bases

Separate mounting



Approvals

Product Standards
UL File No.
UL CCN
CSA File No.
CSA Class No.
NA Certification
Specially designed for NA
Suitable for
Max. Voltage Rating
Degree of Protection

UL 508; CSA-C22.2 No. 14; IEC/EN 60947-4-1; IEC/EN 60947-5-1; CE marking
E29184
NKCR
12528
3211-03
UL listed, CSA certified
No
Branch circuits
600 V AC
IEC: IP00, UL/CSA Type: -

General

| | | | |
|---|--|----|--|
| Standards | | | IEC/EN 60947, VDE 0660, UL, CSA |
| Climatic proofing | | | Damp heat, constant to IEC 60068-2-78 Damp heat, cyclic to IEC 60068-2-30 |
| Ambient temperature | | °C | |
| | | | Operating range to IEC/EN 60947 PTB: -5 °C - +55 °C |
| Open | | °C | - 25 - 55 |
| Enclosed | | °C | - 25 - 40 |
| Temperature compensation | | | Continuous |
| Weight | | kg | 0.25 |
| Mechanical shock resistance | | g | 10 Sinusoidal Shock duration 10 ms |
| Protection type | | | IP00 |
| Protection against direct contact when actuated from front (EN 50274) | | | Finger- and back-of-hand proof |

Main conducting paths

| | | | |
|---|-----------|-----------------|---|
| Rated impulse withstand voltage | U_{imp} | V AC | 6000 |
| Overvoltage category/pollution degree | | | III/3 |
| Rated insulation voltage | U_i | V | 690 |
| Rated operational voltage | U_e | V AC | 690 |
| Safe isolation to VDE 0106 Part 101 and Part 101/A1 | | | |
| Between auxiliary contacts and main contacts | | V AC | 440 |
| Between main circuits | | V AC | 440 |
| Temperature compensation residual error > 40°C | | | $\frac{\Delta R}{R} = 0.25\%/K$ |
| Current heat loss (3 conductors) | | | |
| Lower value of the setting range | | W | 3 |
| Maximum setting | | W | 7.5 |
| Terminal capacities | | mm ² | |
| Solid | | mm ² | 2 x (1 - 16) for use with ZB65-XEZ base: max. 1 x (1 - 16) |