

| | | | |
|-----------------------|--|-----------------|---|
| Flexible with ferrule | | mm ² | 2 x (1 - 4) 2 x (1 - 6) 6 mm ² Flexible with ferrules to DIN 46228 |
| Solid or stranded | | AWG | 14 - 8 |
| Terminal screw | | | M4 |
| Tightening torque | | Nm | 1.8 |
| Tools | | | |
| Pozidriv screwdriver | | Size | 2 |
| Standard screwdriver | | mm | 1 x 6 |

Auxiliary and control circuits

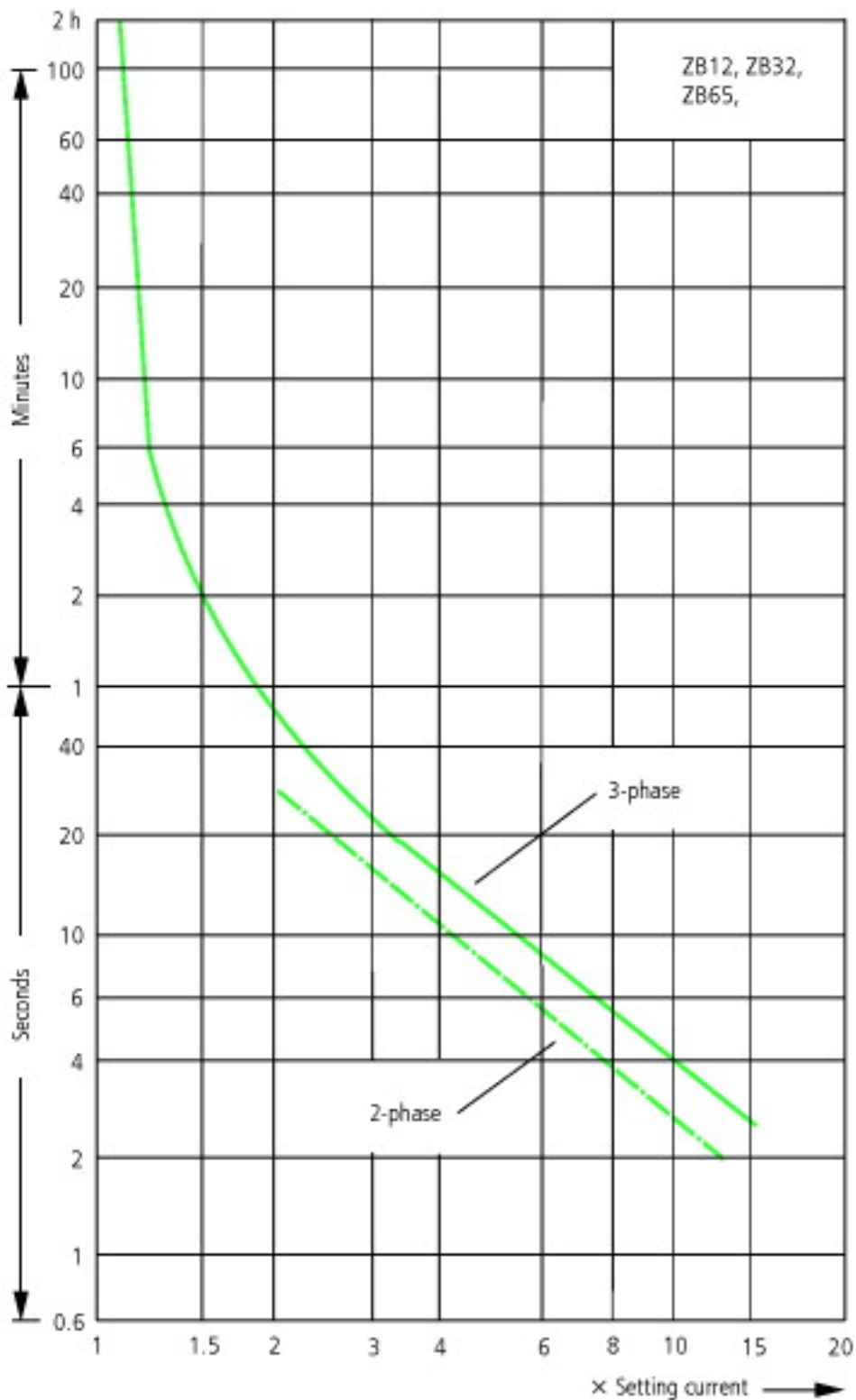
| | | | |
|---|-----------|-----------------|------------------|
| Rated impulse withstand voltage | U_{imp} | V | 4000 |
| Overvoltage category/pollution degree | | | III/3 |
| Terminal capacities | | mm ² | |
| Solid | | mm ² | 2 x (0.75...4) |
| Flexible with ferrule | | mm ² | 2 x (0.75 - 2.5) |
| Solid or stranded | | AWG | 2 x (18 - 12) |
| Terminal screw | | | M3.5 |
| Tightening torque | | Nm | 0.8 - 1.2 |
| Tools | | | |
| Pozidriv screwdriver | | Size | 2 |
| Standard screwdriver | | mm | 1 x 6 |
| Rated insulation voltage | U_i | V AC | 500 |
| Rated operational voltage | U_e | V AC | 500 |
| Safe isolation to VDE 0106 Part 101 and Part 101/A1 | | | |
| between the auxiliary contacts | | V AC | 240 |
| Conventional thermal current | I_{th} | A | 6 |
| Rated operational current | I_e | A | |
| AC-15 | | | |
| Make contact | | | |
| 120 V | I_e | A | 1.5 |
| 240 V | I_e | A | 1.5 |
| 415 V | I_e | A | 0.5 |
| 500 V | I_e | A | 0.5 |
| Break contact | | | |
| 120 V | I_e | A | 1.5 |
| 240 V | I_e | A | 1.5 |
| 415 V | I_e | A | 0.9 |
| 500 V | I_e | A | 0.8 |
| DC-13 L/R - 15 ms | | | |
| 24 V | I_e | A | 0.9 |
| 60 V | I_e | A | 0.75 |
| 110 V | I_e | A | 0.4 |
| 220 V | I_e | A | 0.2 |
| Short-circuit rating without welding | | | |
| max. fuse | | A gG/ gL | 6 |

Notes

Notes Umgebungstemperatur: Arbeitsbereich nach IEC/EN 60947, PTB: -5 °C bis +55°C
 Bemessungsbetriebsstrom: Ein- und Ausschaltbedingungen nach DC-13, L/R konstant nach Angabe
 Anschlussquerschnitte Hauptstrombahnen eindrätig und feindrätig mit Aderendhülse: Bei Verwendung von 2 Leitern gleichen Querschnitt verwenden
 Kurzschlussfestigkeit: Zeit-/Strom-Kennlinien nach Auflegeblatt "Schmelzsicherungen" (auf Anfrage)
 6 mm² feindrätig mit Aderendhülse nach DIN 46228
 Bemessungsbetriebsstrom DC-13, 60 V: Hilfsschließer 0.6 A

| | | | |
|---|--|---|------------------|
| Number of auxiliary contacts as N/Cs | | | 1 |
| Number of auxiliary contacts as N/Os | | | 1 |
| Mounting type | | | Direct mounting |
| Adjustable current range | | A | 4 |
| Connection type main circuit | | | Screw connection |
| Tripping class | | | CLASS 10 |
| Number of auxiliary contacts as changeover contacts | | | 0 |

Characteristics



These tripping characteristics are mean values of the spread at 20 °C ambient temperature in a cold state. Tripping time depends on response current. On devices at operating temperature the tripping time of the overload relay drops to approx. 25 % of the read value. Specific characteristics for each individual setting range can be found in the manual.

Dimensions