

Flexible with ferrule		mm ²	1 x (4 - 70) 2 x (4 - 50)
Stranded		mm ²	1 x (16...50) 2 x (16...50)
Solid or stranded		AWG	2/0
Terminal screw			M10
Tightening torque		Nm	10
Tools			
Hexagon socket-head spanner	SW	mm	5

Auxiliary and control circuits

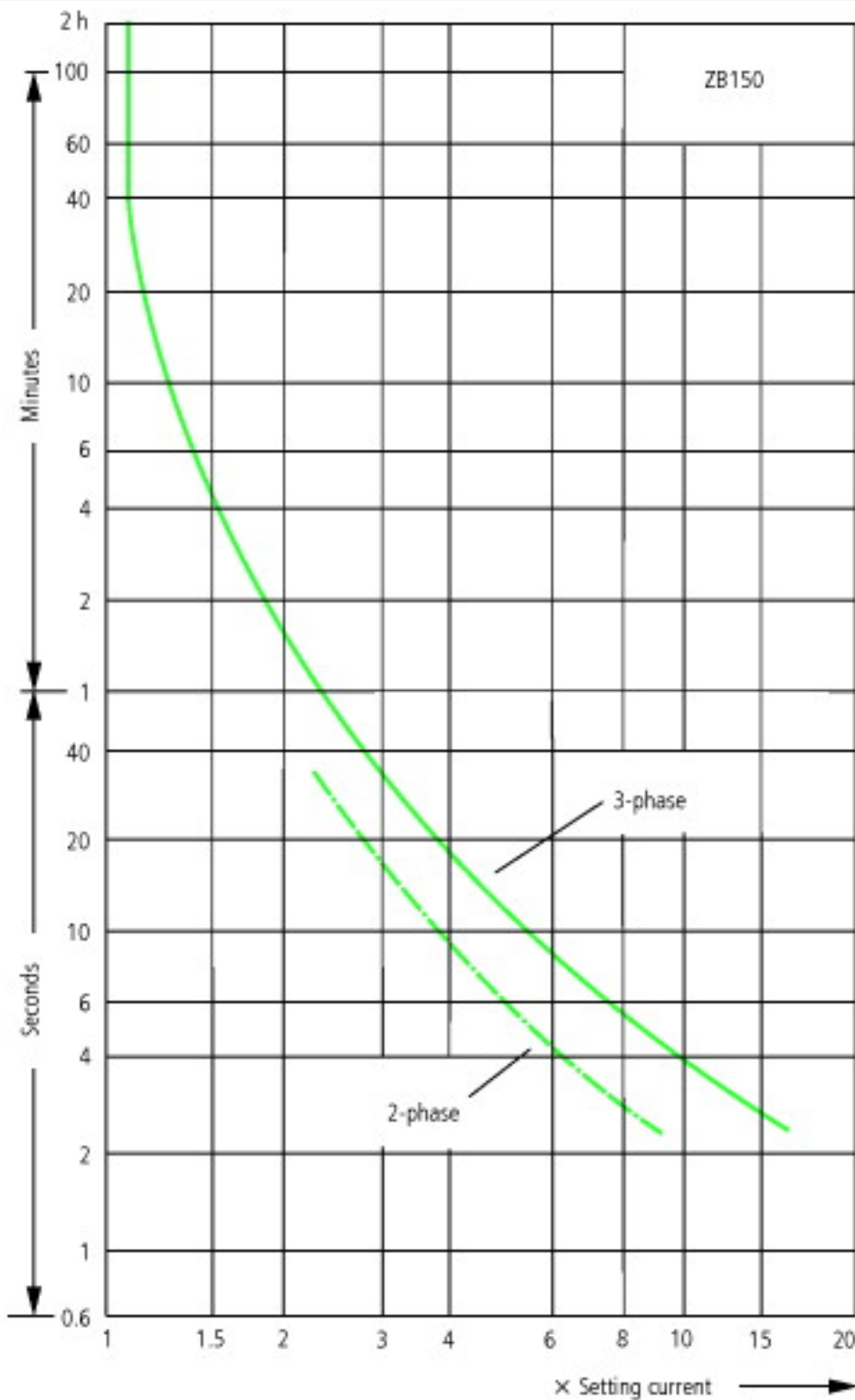
Rated impulse withstand voltage	U_{imp}	V	4000
Overvoltage category/pollution degree			III/3
Terminal capacities		mm ²	
Solid		mm ²	2 x (0,75 - 4)
Flexible with ferrule		mm ²	2 x (0.75 - 2.5)
Solid or stranded		AWG	2 x (18 - 12)
Terminal screw			M3.5
Tightening torque		Nm	0.8 - 1.2
Tools			
Pozidriv 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	125
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