Tools		
Pozidriv screwdriver	Size	2
Standard screwdriver	mm	0.8 x 5.5
Auxiliary and control circuits		

Rated impulse withstand voltage  Overvoltage category/pollution degree  Terminal capacities  Solid  Flexible with ferrule  Solid or stranded  Terminal screw  Tightening torque  Tools  Pozidriv screwdriver  Standard screwdriver  Rated insulation voltage  Ui  Rated operational voltage  Ue  Safe isolation to EN 61140  between the auxiliary contacts  Conventional thermal current  Rated operational current  Ith  Rated operational current  I 20 V  220 V 230 V 240 V  380 V 400 V 415 V  500 V  Break contact  120 V  Break contact  120 V  Break contact	V mm² mm² AWG Nm Size mm V AC V AC	2 x (0.75 - 2.5) 2 x (0.5 - 1.5)
Terminal capacities  Solid  Flexible with ferrule  Solid or stranded  Terminal screw  Tightening torque  Tools  Pozidriv screwdriver Standard screwdriver  Rated insulation voltage  Ui  Rated operational voltage  Ue  Safe isolation to EN 61140 between the auxiliary contacts  Conventional thermal current  Rated operational current  Ith  Rated operational current  120 V  120 V 230 V 240 V  380 V 400 V 415 V  500 V  Break contact	mm² AWG  Nm  Size mm  V AC  V AC	2 × (0.75 - 2.5)  2 × (0.5 - 1.5)  2 × (18 - 12)  M3.5  0.8 - 1.2  2  0.8 × 5.5  500  500
Solid Flexible with ferrule Solid or stranded Terminal screw Tightening torque Tools Pozidriv screwdriver Standard screwdriver Rated insulation voltage Ui Rated operational voltage Ue Safe isolation to EN 61140 between the auxiliary contacts  Conventional thermal current Rated operational current Ith Rated operational current Ith Rated operational current Ith Rated operational current Ith Rough Safe isolation to EN 61140 between the auxiliary contacts  Ith Rated operational current Ith Rated operational current Ith Rough Safe isolation to EN 61140 between the auxiliary contacts  Ith Rated operational current Ith Rough Safe isolation to EN 61140 Ith Rough Safe isolation	mm² AWG  Nm  Size mm  V AC  V AC	2 x (0.75 - 2.5)  2 x (0.5 - 1.5)  2 x (18 - 12)  M3.5  0.8 - 1.2  2  0.8 x 5.5  500  500
Flexible with ferrule  Solid or stranded  Terminal screw Tightening torque Tools  Pozidriv screwdriver Standard screwdriver Rated insulation voltage  Ui  Rated operational voltage  Ue  Safe isolation to EN 61140 between the auxiliary contacts  Conventional thermal current Rated operational current  AC-15  Make contact  120 V  1e  220 V 230 V 240 V  1e  380 V 400 V 415 V  1e  500 V  Break contact	Mm <sup>2</sup> AWG  Nm  Size mm  V AC  V AC	2 x (0.5 - 1.5)  2 x (18 - 12)  M3.5  0.8 - 1.2  2  0.8 x 5.5  500  500
Solid or stranded Terminal screw Tightening torque Tools Pozidriv screwdriver Standard screwdriver Rated insulation voltage  Vi Rated operational voltage Ui Safe isolation to EN 61140 between the auxiliary contacts  Conventional thermal current Rated operational current Ith Rated operational current I20 V Ie 220 V 230 V 240 V Ie 380 V 400 V 415 V Ie Break contact	AWG  Nm  Size  mm  V  AC  V  AC	2 x (18 - 12) M3.5 0.8 - 1.2 2 0.8 x 5.5 500 500
Terminal screw Tightening torque Tools Pozidriv screwdriver Standard screwdriver Rated insulation voltage  Rated operational voltage Ue Safe isolation to EN 61140 between the auxiliary contacts  Conventional thermal current Rated operational current Ith Rated operational current I20 V Ie 220 V 230 V 240 V Ie 380 V 400 V 415 V Ie Break contact	Nm Size mm V AC V AC	M3.5  0.8 - 1.2  2  0.8 x 5.5  500  500
Tightening torque  Tools  Pozidriv screwdriver Standard screwdriver  Rated insulation voltage  Rated operational voltage  Safe isolation to EN 61140 between the auxiliary contacts  Conventional thermal current  Rated operational current  Ith  Rated operational current  I 20 V  I 220 V 230 V 240 V  I 8  380 V 400 V 415 V  I 9  Break contact	Size mm V AC V AC	0.8 - 1.2  2  0.8 x 5.5  500  500
Tools Pozidriv screwdriver Standard screwdriver Rated insulation voltage Ui Rated operational voltage Ue Safe isolation to EN 61140 between the auxiliary contacts  Conventional thermal current Rated operational current Ith Rated operational current I20 V Ie 220 V 230 V 240 V Ie 380 V 400 V 415 V Ie Break contact	Size mm V AC V AC	2 0.8 x 5.5 500 500
Pozidriv screwdriver Standard screwdriver Rated insulation voltage Ui Rated operational voltage Ue Safe isolation to EN 61140 between the auxiliary contacts  Conventional thermal current Ith Rated operational current Icurent AC-15 Make contact 120 V Ie 220 V 230 V 240 V Ie 380 V 400 V 415 V Ie Break contact	V AC V AC A	0.8 x 5.5 500 500
Standard screwdriver  Rated insulation voltage  Rated operational voltage  Ue  Safe isolation to EN 61140 between the auxiliary contacts  Conventional thermal current  Rated operational current  Ith  AC-15  Make contact  120 V	V AC V AC A	0.8 x 5.5 500 500
Rated insulation voltage  Rated operational voltage  Safe isolation to EN 61140  between the auxiliary contacts  Conventional thermal current  Ith Rated operational current  I20 V  I20 V  I40  380 V 400 V 415 V  500 V  Break contact	V AC V AC A	500 500 300
Rated operational voltage  Safe isolation to EN 61140 between the auxiliary contacts  Conventional thermal current Rated operational current  AC-15  Make contact  120 V	V AC	300
Safe isolation to EN 61140 between the auxiliary contacts  Conventional thermal current  Rated operational current  AC-15  Make contact  120 V	V AC A	300
between the auxiliary contacts  Conventional thermal current  Rated operational current  AC-15  Make contact  120 V	AC A	
Conventional thermal current  Rated operational current  AC-15  Make contact  120 V	AC A	
Rated operational current  AC-15  Make contact  120 V		6
AC-15  Make contact  120 V	A	
Make contact  120 V		
120 V		
220 V 230 V 240 V		
380 V 400 V 415 V	Α	1.5
500 V I <sub>e</sub> Break contact	Α	1.5
Break contact	Α	0.5
	Α	0.3
120 V		
120 V	Α	1.5
220 V 230 V 240 V $$\rm I_{\rm e}$$	Α	1.5
380 V 400 V 415 V $$\rm I_{\rm e}$$	А	0.7
500 V I <sub>e</sub>	А	0.5
DC-13 L/R - 15 ms		
24 V I <sub>e</sub>	А	0.9
60 V I <sub>e</sub>	А	0.75
110 V I <sub>e</sub>	А	0.4
220 V I <sub>e</sub>	А	0.2
Short-circuit rating without welding		
max. fuse	A gG/ gL	4

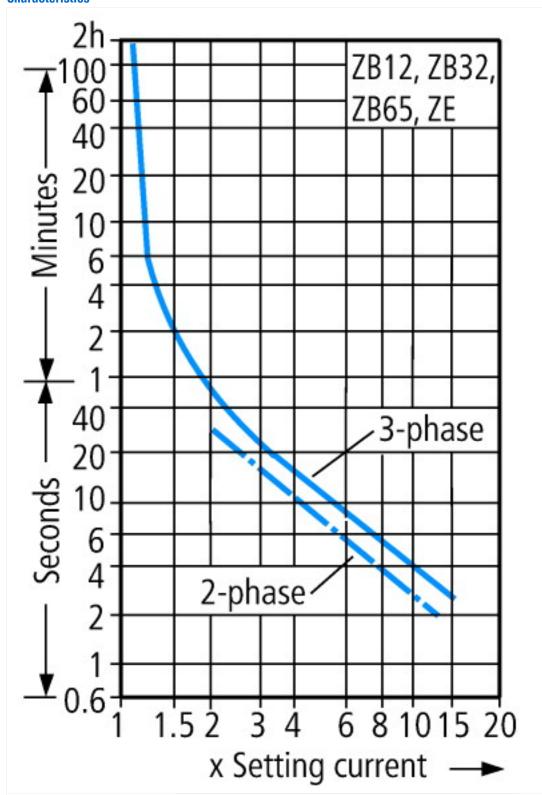
## Notes

Notes Ambient temperature: operating range to IEC/EN 60947, PTB: -5°C to +50°C Rated operational current: Making and breaking conditions to DC-13, L/R constant as stated

## **Technical data ETIM 4.0**

Tooliiiour data Eriiii iio		
Adjustable current range	Α	1.6 - 2.4
Mounting method		Direct attachment
Connection type main current circuit		Screw connection
Number of auxiliary contacts as normally closed contact		1
Number of auxiliary contacts as normally open contact		1
Number of auxiliary contacts as change-over contact		0
Release class		CLASS 10





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**