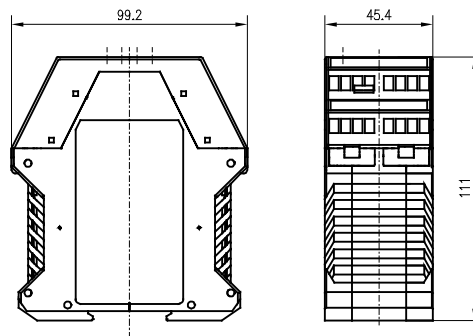
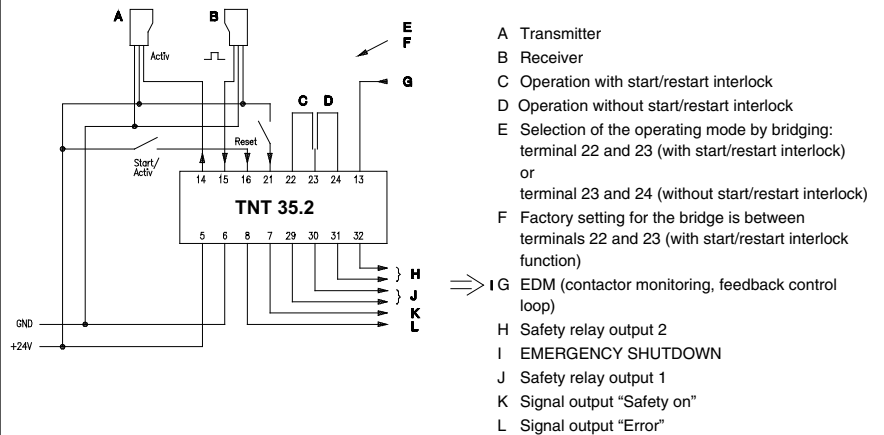


Dimensional drawings



Connection



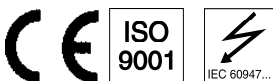
Technical data

Electrical data	
Operating voltage U_n	+ 24V DC \pm 15%
Residual ripple	\leq 15%
Current consumption	approx. 200 mA
Response time	\leq 130 ms
Delay before start-up	approx. 2 s
Sensors	
Transmitter activation	PNP (High active)
Receiver input	optical coupler input, input current approx. 10 mA
Inputs/outputs	
Start input "START"	optical coupler input (High active), input current approx. 10 mA
Reset input	optical coupler input (High active), input current approx. 10 mA
Contact monitoring (EDM)	optical coupler input (High active), input current approx. 10 mA
Signal output "Safety on"	PNP transistor output, 100 mA short-circuit and polarity reversal protection
Signal output "Error"	PNP transistor output, 100 mA short-circuit and polarity reversal protection
Safety output	voltage free N.O. contacts, max. current load 4A
Fuse	external with max. 4AMT
Oversvoltage category	2 for rating voltage 300VAC acc. to VDE 0110 part 1
Mechanical data	
Housing	polyamide PA6.6/gray
Connection	screw terminals, connection cross section 0.2 ... 2.5 mm
Mounting type	snap-on mounting on top hat rail acc. to EN 50022
Weight	approx. 200 g
Dimensions (W x H x D)	45 mm x 100 mm x 115 mm
Environmental data	
Ambient temp. (operation/storage)	-20°C ... +60°C/-30°C ... +70°C
Protection class	IP 40 (only for application in electrical operating rooms/switching cabinet with minimum protection class IP 54 is suitable)
Contact protection	acc. to VBG 4 and VDE 0106 part 100

Order details

Item	Art. no.
TNT 35.2	520 019

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