



## Technical Data

Supply	
Operating voltage	3N 400/230 V -30% ... +10%
Frequency range	50 Hz
Consumption	16 VA (1,7 W)
Recovery time	< 300 ms
Inputs	
Threshold voltage fixed	fixed, 195 V AC (UN x 0,85)
Basic accuracy	+/- 4 %
Repeatability	+/- 1 %
Monitoring voltage (L1, L2, L3)	3 x 230/400 V AC, 50 Hz
Dropout voltage	< 85 % of supply voltage
Shutter release delay	fixed, approx. 100 ms
Switching hysteresis	fixed, approx. 5 %
Temperature error	0.1 %/°C
Outputs	
Contacts	2 changeover contacts
Contact material	AgNi
Switching voltage (max.)	250 V AC
Continuous Current	8 A
Switching frequency	360 switching cycles/h
Mechanical life	3x10 <sup>7</sup> switching cycles
Electrical life	2x10 <sup>5</sup> switching cycles
Indicator	green and red LED
Insulation coil - contact set	
Nominal voltage of the power supply system	230 / 400 V AC
Overvoltage category	III   II
Degree of pollution	2   2
Rated test voltage	4 kV   2.5 kV
Type of insulation	basic insulation   reinforced insulation

## Technical Data

Housing	
Dimensions	
Dimension (W x H x D)	35 mm x 69.3 mm x 60 mm
Dimension (W x H x D)	1.378 in. x 2.728 in. x 2.362 in.
Weight	110 g
Mounting style	Standard rail TH35
Mounting position	any
Apposition	without distance
Connection type	Screw type terminal blocks
Terminal blocks	
Wire cross section solid	0.34 mm <sup>2</sup> - 2.5 mm <sup>2</sup> / AWG 22-12
Wire cross section multi	0.25 mm <sup>2</sup> - 2.5 mm <sup>2</sup> / AWG 22-12
Wire cross section with wire ferrule	0.25 mm <sup>2</sup> - 2.5 mm <sup>2</sup> / AWG 22-12
Screw torque (max.)	0.5 Nm
Stripping length (min.)	8 mm
Material	
Material - Housing	Polyamid 6.6 V0
Color	gray
Material - Terminal block	Polyamid 6.6 V0
Material - Covers	Polycarbonat
Protection category according to IEC 60529	
Protection category - housing (acc. to IEC 60529)	IP40
Protection category - terminal blocks (acc. to IEC 60529)	IP20
Temperature range	
Operating	
Temperature - Operating °C	-5 °C - 55 °C
Temperature - Operating °F	23 °F - 131 °F
Storage	
Temperature - Storage °C	-20 °C - 70 °C
Temperature - Storage °F	-4 °F - 158 °F

**Technical Data****Power loss**

Power loss (typical)	2.3 W
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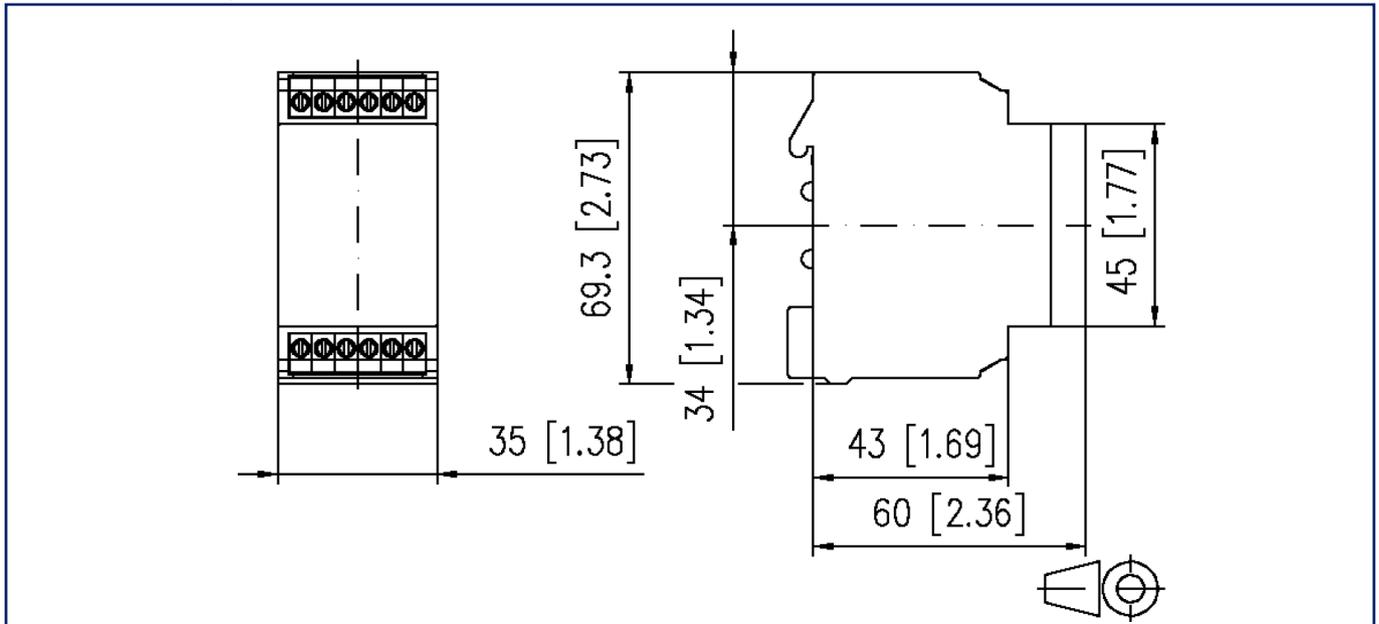
**Classifications**

ETIM 7.0	EC001441
ETIM 8.0	EC001441
ETIM 9.0	EC001441

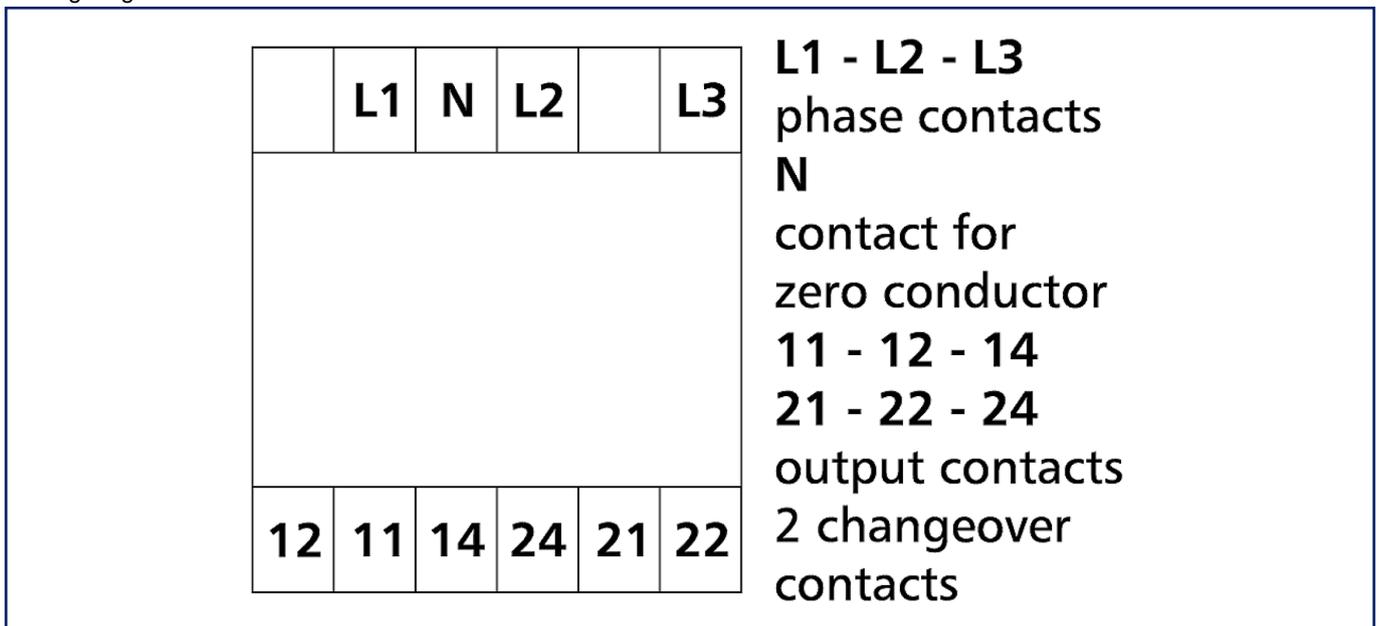


**Illustrations**

Dimensional drawing

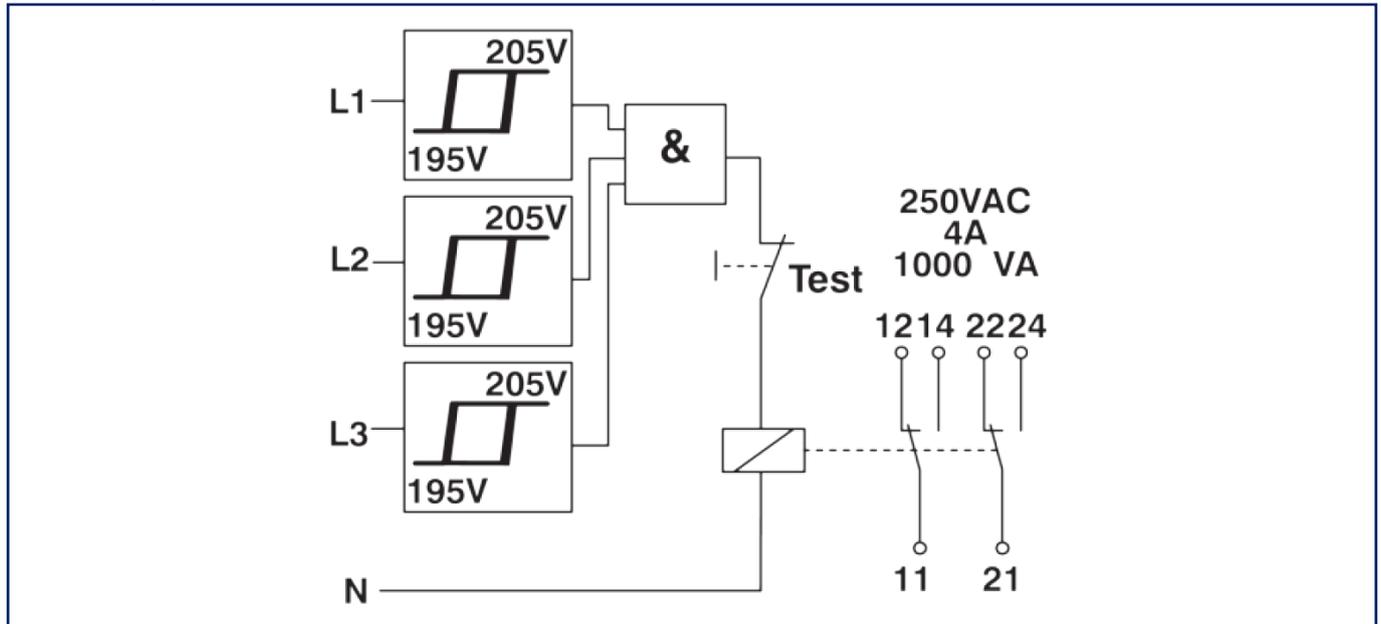


Wiring diagram



**Illustrations**

Principle diagram



Function diagram

