

**General data [...]**

Type of housing	Polyamide PA, self-extinguishing
Color	green
Weight	130 g

**Connection data**

Conductor cross section, solid	0.5 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross section, stranded	0.25 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Stripping length	8 mm
Connection method	Screw connection
Tightening torque	1 Nm

**Ambient conditions**

Ambient temperature (operation)	-25 °C ... 55 °C -25 °C ... 40 °C (corresponds to UL 508)
Ambient temperature (storage/transport)	-25 °C ... 70 °C
Permissible humidity (operation)	15 % ... 85 %
Climatic class	3K3 (in acc. with EN 60721)

**Conformance / approvals**

Conformance	CE-compliant
UL, USA / Canada	UL/C-UL listed UL 508

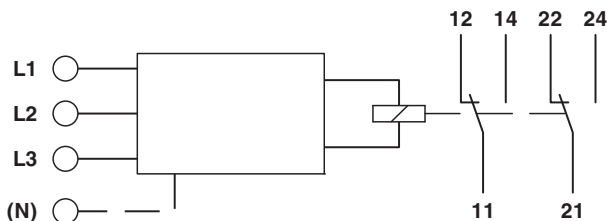
**Conformance with EMC Directive 2004/108/EC**

Noise immunity according to	EN 61000-6-2
Noise emission according to	EN 61000-6-3

**Conformance with LV directive 2006/95/EC**

Electronic equipm. for electrical power installations according to	EN 50178
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## 4 Block diagram

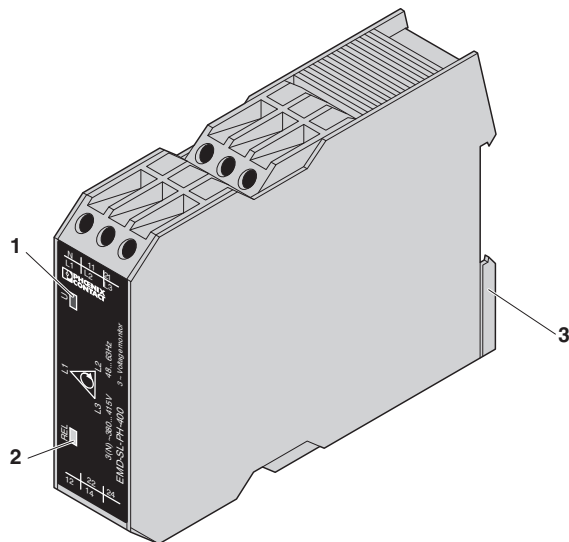


## 5 Safety notes



**WARNING: Risk of electric shock**  
Never carry out work when voltage is present.

## 6 Structure



- 1 "U" LED: Supply voltage
- 2 "REL" LED: Output relay
- 3 Universal snap-on foot for EN DIN rails

## 7 Installation



**WARNING: Risk of electric shock**

Never carry out work when voltage is present.

The module can be snapped onto all 35 mm DIN rails according to EN 60715.

## 8 Diagnostics

The LEDs indicate the following error states:

### "U" LED (Green)

- LED ON: Supply voltage present

### "REL" LED (Yellow)

- LED ON: Output relay has picked up
- LED OFF: Output relay has dropped out