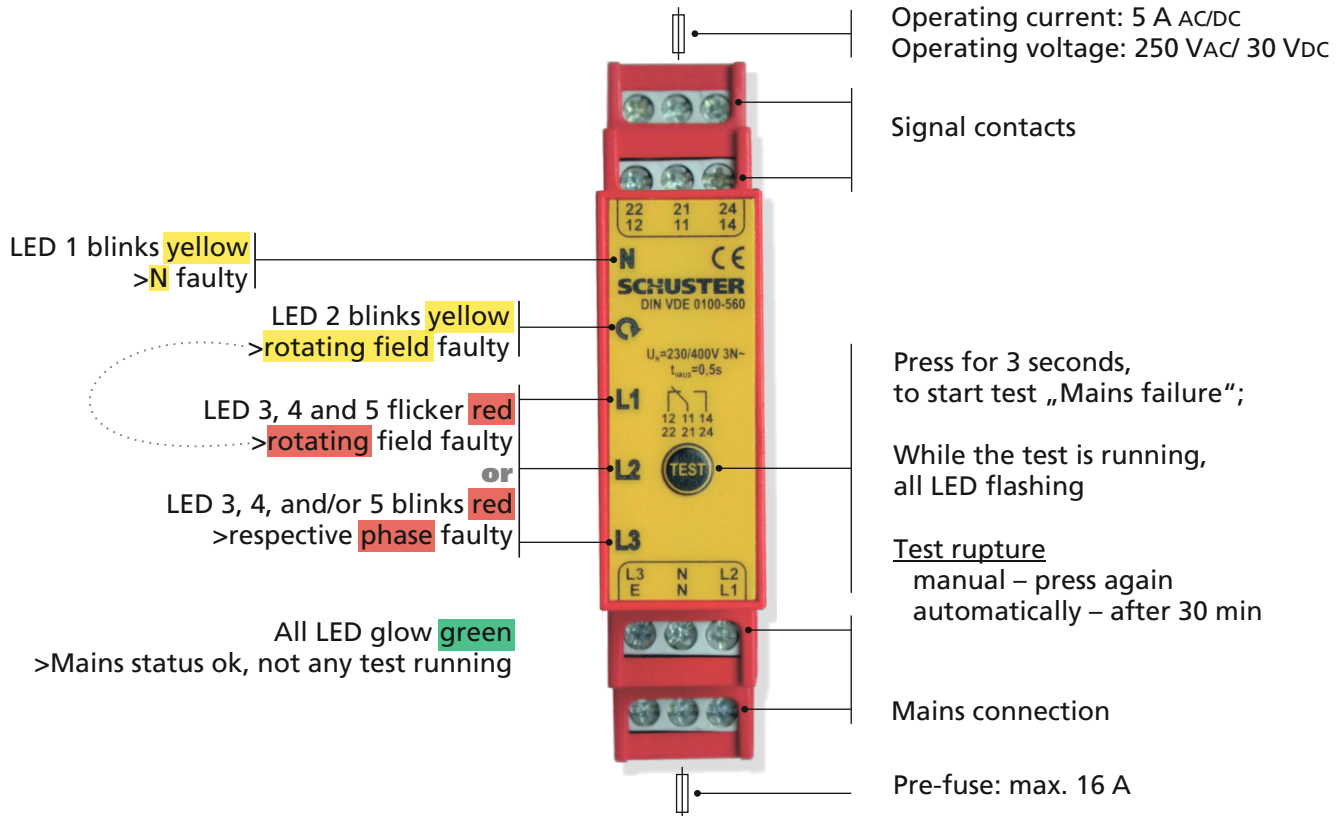


## Mains Monitor DSÜ 06 (400 V)

3-phase monitoring for under voltage and phase failure



**Functionality** The device DSÜ 06 is used to monitor a 3-phase mains voltage with connected N-conductor.

The following faults were identified and optically signalized:

- rotating field faulty
- N faulty
- phase(s) faulty (one phase or several phases are in low voltage)

The voltage threshold is determined (400 V) at -20 % (de-energize) / -15 % (energize).

### Technical data

Inputs: L1, L2, L3; E and N for single-phase connection

Signal contacts: 2 x potential-free changer max. 5 A load

Dimensions (WxHxD mm): 17 x 90 x 71

Operation temperature: -20/ +60°C

Climate stability:	F / DIN 40040
Insulation parts:	Plastic halogen and phospho- te free
Contact protection:	finger and back of hand protection
Mounting:	35 mm DIN rail DIN EN 50022
Over voltage class (VDE 0100):	III
EMC:	as per IEC 801 part 1-4
Power consumption:	< 1 VA
Rated frequency:	50-60 Hz
Rated electric strength $U_{imp}$ :	4000 V
max. switching cap. AC:	1250 VA
Rated cross section:	2,5 mm <sup>2</sup> (AWG14) flexible 4,0 mm <sup>2</sup> (AWG12) inflexible
Torque:	0,5 Nm