



16. Specifications

Voltage measurement / supply

Connection: Single phase
 Range: 90 – 550 V AC, 45 – 65 Hz
 Protection: Max. 6 A
 Power consumption: 6 VA
 Transformer factor: Adjustable 1.0 ... 350.0

Current measurement

Connection: Single phase
 Range: 5 mA – 5 A
 Transformer factor: Adjustable 1 ... 9600

Stage outputs

6 or 12 Stage outputs
 Type: Relay, normally-open, potential-free
 Supply: Common, max. 10 A
 Switching capacity per relay: 250 V AC / 5 A
 400 V AC / 1 A
 48 V DC / 1 A
 110 V DC / 0.2 A

Temperature measurement

Type: NTC under the housing cover
 Accuracy: +- 5 °C

Fan output

Type: Relay, normally-open, potential-free
 Switching capacity: 250 V AC / 5 A
 400 V AC / 1 A
 48 V DC / 1 A
 110 V DC / 0.2 A

Service Interface

For service purpose only

Ambient temperature

Operating: -20 °C – 70 °C
 Storing: -40 °C – 85 °C

Humidity

Range: 0 % – 95 %
 Condensation: Not allowed

Overvoltage category

300 V_{LN} / 519 V_{LL} → CAT III
 519 V – 550 V → CAT II
 Degree of contamination → 2



Standards

IEC 61010-1, IEC 61000 6-2, IEC 61000 6-4: Level B, IEC 61326-1,
UL 61010

Compliance and Listing

CE, c NRTL us (c UL us), EAC

Connections

Type: Screw terminals, pluggable
Cross section: Max. 4 mm²

Housing

Front: Plastic housing (UL94 V-0)
Back: Metal cover

Protection class

Front: IP41
Back: IP20

Weight

Approx. 0,6 kg

Dimensions

Device: H x B x T: 144 x 144 x 58 mm
Cut-out: H x B: 138 (+0,5) x 138 (+0,5) mm