



6 Technical data

Auxiliary voltage	207 - 253V, 45 - 65Hz, max. fuse 6A
Voltage measuring	L-N 50V .. 289V, L-L 90V .. 500V, 45 – 65Hz, PT-ratio 1 - 4000
Current measuring	0 – 5A, sensitivity 50mA, power consumption < 1VA CT necessary, CT-ratio 1 - 10000 overload 20% continuous, 50A for 1 sec.
Current measuring option -E	200 A for 1 sec.
Relay outputs (optional)	6 n/o, with common point, max. fuse 6A 4 n/o, voltfree, max. fuse 6A 2 c/o, voltfree, max. fuse 6A breaking capacity: 250V AC / 5A, 30V DC / 5A (ohmic) 110V DC / 0,4A (ohmic), 110V DC / 0,3A (inductive)
Impulse outputs (optional)	transistor outputs, galvanic isolation by optocoupler switching voltage max. 250V DC, switching current max. 100mA switching frequency max. 4Hz, $t_{ON} \geq 50ms$ / $t_{OFF} \geq 50ms$
Digital Input	On request
Fan control	temperature measurement on rear side of device programming of relay outputs for fan control possible
Interface (optional)	RS485 Modbus-RTU (slave)
Ambient temperature	operation: 0°C ... +70°C, storage: -20°C ... +85°C
Humidity	0% - 95%, without moisture condensation
Overvoltage class	II, pollution degree 3 (DIN VDE 0110, Teil 1 / IEC 60664-1)
Standards	DIN VDE 0110 Teil 1 (IEC 60664-1:1992) VDE 0411 Teil 1 (DIN EN 61010-1 / IEC 61010-1:2001) VDE 0843 Teil 20 (DIN EN 61326 / IEC 61326:1997 + A1:1998 + A2:2000)
Conformity and listing	CE, UL, cUL
Terminals	cage clamp, max. 2,5mm ²
Casing	front: instrument casing plastic (UL94-VO), rear: metal
Protection class	front: IP 54, rear: IP 20
Weight	ca. 0,65 kg
Dimensions	144 x 144 x 58mm (H x W x D), cutout 138 ^{+0,5} x 138 ^{+0,5} mm