

## 6 Technical Data

Auxiliary voltage	100 - 132V / 207 - 253V, 45-65Hz, max. fuse 6A
Voltage measuring	50 – 530V, 45 – 65Hz, PT-ratio 1 - 350
Current measuring	0 – 5A, sensitivity 15mA, burden 15mΩ (option -3A: 3x 0 – 5A) overload 20% continuous, CT-ratio 1 - 6500
Control exits	6R, 12R, 6T, 12T, 12RT relays: N/O, one common point, max. fuse 6A breaking capacity: 250V AC / 5A, 400V AC / 2A, 110V DC / 0,4A, 30V DC / 5A static outputs: open-collector, breaking capacity: 8 – 48V DC / 100mA
Alarm contact	C/O, voltfree, programmable max. fuse 6A, breaking capacity 250V AC / 5A
Digital input DI0.1-DI0.2 (optional)	10 – 30V DC, for synchronization of data-logger
Digital input DI1.1-DI1.2	50 – 250V AC, programmable
Digital output	N/O, voltfree, programmable max. fuse 6A, breaking capacity 250V AC / 5A
Data-logger (optional)	2MB
Interface (optional)	RS485 Modbus RTU protocol (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, GOST-R
Terminals	screw-type, plugable, max. 2,5mm <sup>2</sup>
Casing	front: instrument casing plastic (UL94-VO), rear: metal
Protection class	front: IP 54, rear: IP 20
Weight	ca. 0,8 kg
Dimensions	144 x 144 x 58mm (h x w x d), cutout 138 <sup>+0,5</sup> x 138 <sup>+0,5</sup> mm