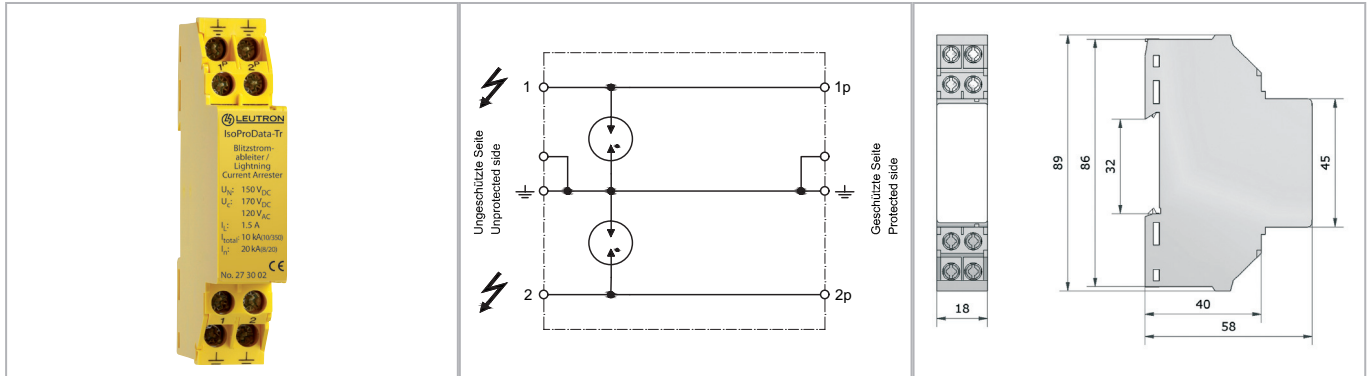


Datasheet

Surge protection for measuring systems and automatic control devices

One-piece SPD with high discharge capability for MCR applications



One-piece lightning current discharge arrester for signal lines with a high discharge capacity for use at the building entry.

- Protective circuit for 2 signal lines without reference to ground potential
- Applicable at the boundaries LPZ 0A - 1 and higher.
- Test standard: IEC 61643-21 / EN 61643-21
- Space required for installation: 17.5 mm
- Mounting on 35 mm DIN rail (EN 60715)
- Degree of protection according to IEC EN 60529: IP 20
- EAC certification

Technical Data		IsoProData-Tr
IEC category		D1 / C2 / C1 / C3
Nominal voltage DC	UN	150 V=
Max. continuous operating voltage DC	Uc	170 V=
Max. continuous operating voltage AC (50/60 Hz)	Uc	120 V~
Nominal current	IL	1,5 A
Leakage current at Uc DC		≤ 0,001 µA
Response time	tA	≤ 50 ns
C2 nominal discharge current (8/20 µs)	In	20 kA
D1 lightning impulse current (10/350 µs) total	Itotal	10 kA
D1 lightning impulse current (10/350 µs) per line	Iimp	5 kA
Protection level, residual voltage line-ground at In resp. 1 kV/µs	Up	≤ 800 V
Capacitance, line-earth	C	< 0,005 nF
Insulation resistance	Risol	> 10 GΩ
Operating temperature range	TU	-25 - +85 °C
Max. conductor cross section		2,5mm² solid or 1,5mm² flexible with sleeve
Installation dimensions (H × W × D)		17,5 x 87 x 58 mm
Enclosure material / colour		polycarbonate (halogen-free) UL 94-V0 / yellow
Type of connection		Screw terminals
Degree of protection (IEC EN 60529)		IP 20
Mounting		35 mm DIN rail form C (EN 60715)

Order Data

Product	IsoProData-Tr
Article-No.	27 30 02