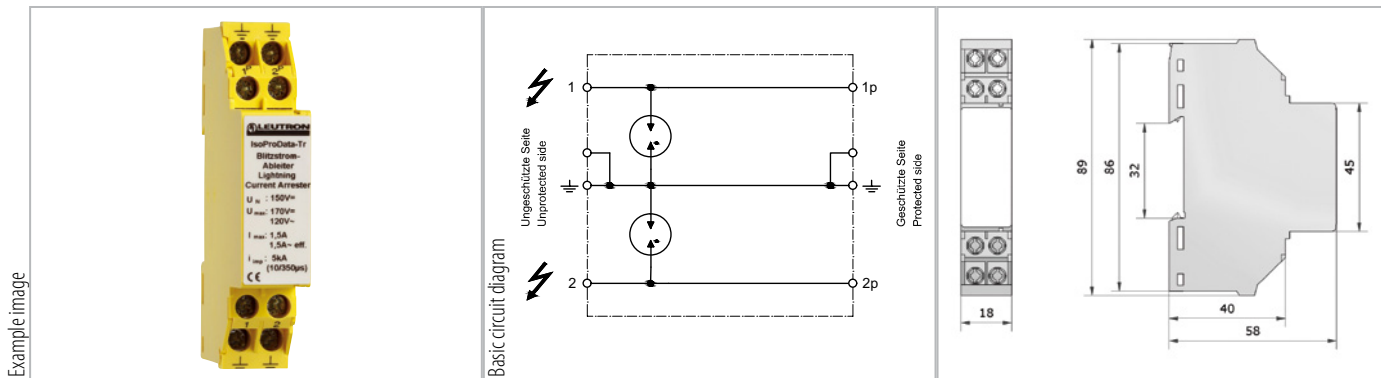


## Surge protection for measuring systems and automatic control devices

### One-piece SPD with high discharge capability for MCR applications



**One-piece lightning current discharge arrester for signal lines with a discharge capability 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
- Lightning current 5 kA (10/350  $\mu$ s) per wire
- Test standard: IEC 61643-21 / EN 61643-21
- Space required for installation: 17.5 mm
- Mounting on 35 mm DIN rail
- Degree of protection according to IEC EN 60529: IP 20

Technical Data		IsoProData-Tr
IEC category/EN type		D1 / C2 / C1 / C3
Nominal direct voltage	UN	150 V=
Max. continuous operating voltage DC	Uc	170 V=
Max. continuous operating voltage AC	Uc	120 V~
Nominal current	IN	1,5 A
Leakage current at Uc DC	IL	$\leq 0,001 \mu$ A
Response time	tA	$\leq 50$ ns
C2 nominal discharge current (8/20 $\mu$ s)	In	20 kA
D1 lightning impulse current (10/350 $\mu$ s) in total	Itotal	10 kA
D1 lightning impulse current (10/350 $\mu$ s) per wire	Iimp	5 kA
Protection level, residual voltage line-earth at In resp. 1 kV/ $\mu$ s	Up	$\leq 800$ V
Capacitance, line-earth	C	$< 0,005$ nF
Insulation resistance	Risol	$> 10$ G $\Omega$
Operating temperature range	TU	-25 - +85 $^{\circ}$ C
Max. conductor cross section		16 massiv oder 6 Litze mit Aderendhülse mm <sup>2</sup>
Installation dimensions (W x H x 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 type		35 mm DIN rail form C (EN 50 022)

### Order Data

Product	IsoProData-Tr
Article-No.	27 30 02