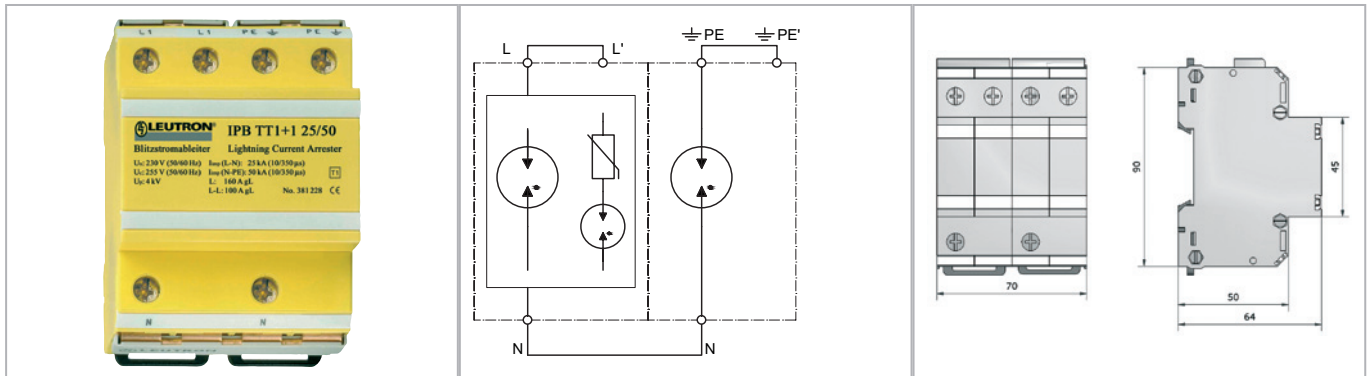


# Datasheet

## Surge protection for power supply systems

### Class I (T1) Lightning Current Arresters / IsoPro



Multi-pole lightning current arrester for 1-phase TT systems.

- Optional remote signalling contact (FM)
- Degree of protection according to IEC EN 60529: IP 20
- Mounting on 35 mm DIN rail

Technical Data		IP B TT1+1 25/50
Nominal alternating voltage	UN	230/400 V~
Max. continuous operating voltage AC	Uc	255 V~
Insulation resistance	Risol	>10 GΩ
Protection level at 100% lightn. imp. sparkover voltage (1.2/50μs)	Up	≤ 4,0 kV
Protection level at limp (L-N)	Up	≤ 4,0 kV
Response time	tA	<50 ns
Lightning impulse current (10/350) L+N-PE	Itotal	50 kA
Lightning impulse current (10/350μs) [L-N]	limp	25 kA
Lightning impulse current (10/350 μs) [N-PE]	limp	50 kA
Short-circuit withstand capability at max. back-up fuse	Ik	50 kAeff
Max. acceptable back-up fuse F2 (spur wiring)		160 A gL/gG
Max. acceptable back-up fuse F1 (V-wiring)		125 A gL/gG
Operating temperature range	TU	-40 - +80 °C
Max. conductor cross section		stranded 50/fine stranded 35 mm <sup>2</sup>
Recommended conductor cross section		25 mm <sup>2</sup>
Max. connection torque for terminals		4.0 Nm
Enclosure material / colour		polycarbonate (halogen-free) UL 94-V0 / yellow

### Order Data

Product	IP B TT1+1 25/50
Article-No.	38 12 28