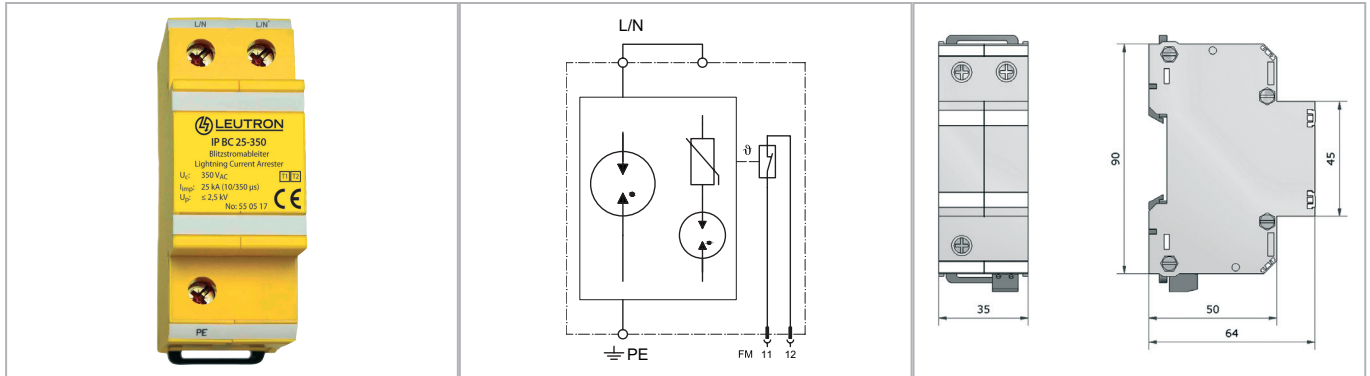


Datasheet

Surge protection of power supply

Combined arrester Type 1+2 for AC power supplies / IsoPro



Single pole SPD type 1 + 2 (class I+II) for TN net systems.

- Test standard: IEC 61643-11 / EN 61643-11
- Class I+II (T1+T2) Combined Arresters
- Mounting on 35 mm DIN rail (EN 60715)
- Degree of protection according to IEC EN 60529: IP 20
- Remote signalling contact: break contact

Technical Data		IP BC 25/FM-350
IEC category		Type 1 + 2 / class I+II
Nominal voltage AC	UN	230/400 - 240/415 V~
Max. continuous operating voltage AC (50/60 Hz)	Uc	350 V~
Insulation resistance	Risol	> 10 GΩ
Protection level at 100% lightn. imp. sparkover voltage (1.2/50μs)	Up	≤ 2,5 kV
Protection level	Up	≤ 2,5 kV
Response time	tA	< 50 ns
Lightning impulse current (10/350 μs) total	I _{total}	25 kA
Lightning impulse current (10/350 μs) L-N/N-PE/L-PEN	I _{imp}	25 / - / - kA
Max. impulse discharge current (8/20 μs)	I _{max}	70 kA
Short-circuit withstand capability at max. back-up fuse	ISCCR	50 kA _{eff}
Max. acceptable back-up fuse F2 (spur wiring)		160 A gG
Max. acceptable back-up fuse F1 (serial wiring)		125 A gG
Operating temperature range	TU	-40 - +80 °C
Max. conductor cross section		50 mm ² stranded/35 mm ² flexible
Recommended conductor cross section		25 mm ²
Max. connection torque for terminals		4,0 Nm
Enclosure material / colour		polycarbonate (halogen-free) UL 94-V0 / yellow
Degree of protection (IEC EN 60529)		IP 20
Mounting on		35 mm DIN rail (EN 60715)

Order Data

Product	IP BC 25/FM-350
Article-No.	55 05 19