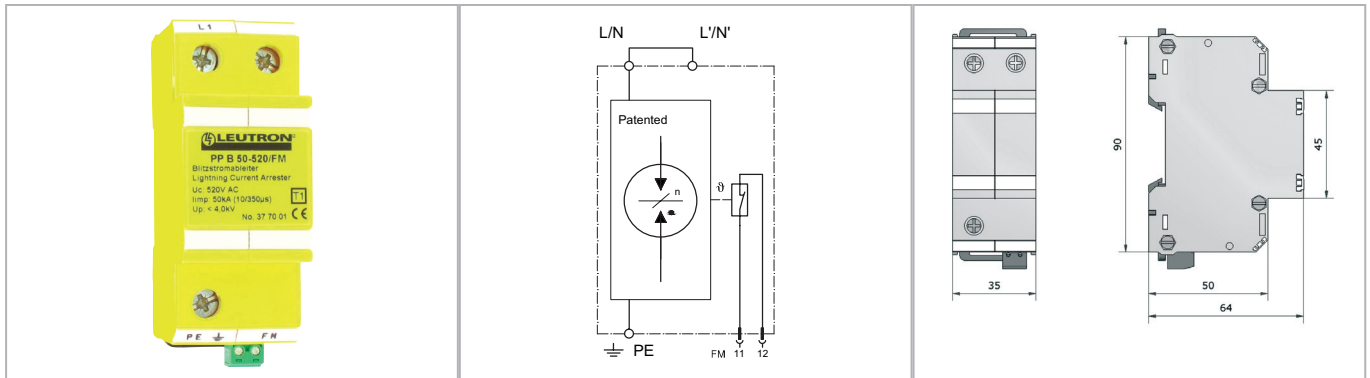


Surge protection of power supply

Lightning current arrester Type 1 for AC power supplies / PowerPro



Single-pole lightning current arrester

- Test standard: IEC 61643-11 / EN 61643-11
- EAC certification
- Single-pole lightning current arrester
- Remote signalling contact: break contact

Technical Data		PP B 50-520/FM
IEC category		Type 1
Nominal voltage AC	UN	230/400 V~
Max. continuous operating voltage AC (50/60 Hz)	Uc	520 V~
Protection level at 100% lightn. imp. sparkover voltage (1.2/50 μs)	Up	≤ 4,0 kV
Protection level	Up	≤ 2,5 kV
Lightning impulse current (10/350) L,N-PE	Iimp	50 kA
Follow-on current extinguishing capability at Uc (50/60 Hz)	I _{fi}	3,0 kA
Short-circuit withstand capability at max. back-up fuse	I _k	50 kA _{eff}
Insulation resistance	Risol	> 10 GΩ
Response time at 1kV/μs	tA	50 ns
Max. acceptable back-up fuse F2 (spur wiring)		250 A gG
Max. acceptable back-up fuse F1 (serial wiring)		125 A gG
Operating temperature range	TU	-40 - +80 °C
Max. conductor cross section		50mm ² stranded/35mm ² flexible
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)
Max. conductor cross section FM		1,5 mm ²
Max. locking torque FM terminals		0,25 Nm

Order Data

Product	PP B 50-520/FM
Article-No.	37 70 01