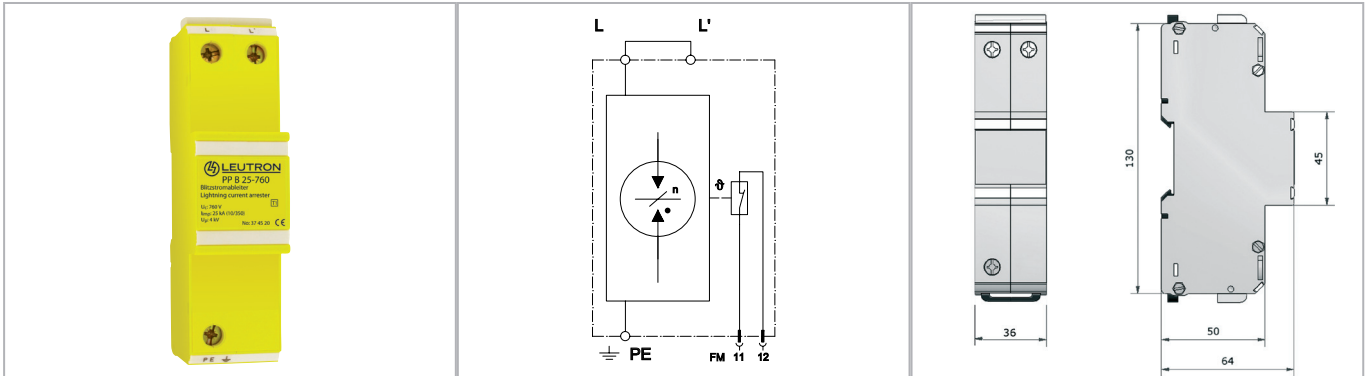


Datasheet

Surge protection of power supply

Lightning current arrester Type 1 for AC power supplies / PowerPro



Lightning current arrester (class I) for wind energy applications for lightning protection equipotential bonding in 690 V IT systems.

- Test standard: IEC 61643-11 / EN 61643-11
- New developed ceramic isolating spark gap
- EAC certification
- Remote signalling contact: break contact

Technical Data		PP B 25-760/FM
IEC category		Type 1
Nominal voltage AC	UN	690 V~
Max. continuous operating voltage AC (50/60 Hz)	Uc	760 V~
Insulation resistance	Risol	> 10 GΩ
Response time	tA	100 ns
Protection level	Up	4,0 kV
Lightning impulse current (10/350 μs) L-N/N-PE/L-PEN	Iimp	25 / - / - kA
Lightning impulse current (10/350 μs) total	Itotal	25 kA
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
Recommended conductor cross section		25 mm ²
Max. connection torque for terminals		4,0 Nm
Enclosure material / colour		polyamide PA 6 30SV, UL94 V0 / yellow
Degree of protection (IEC EN 60529)		IP 20
Mounting on		35 mm DIN rail (EN 60715)
FM contact / contact type		break contact

Order Data

Product	PP B 25-760/FM
Article-No.	37 45 21