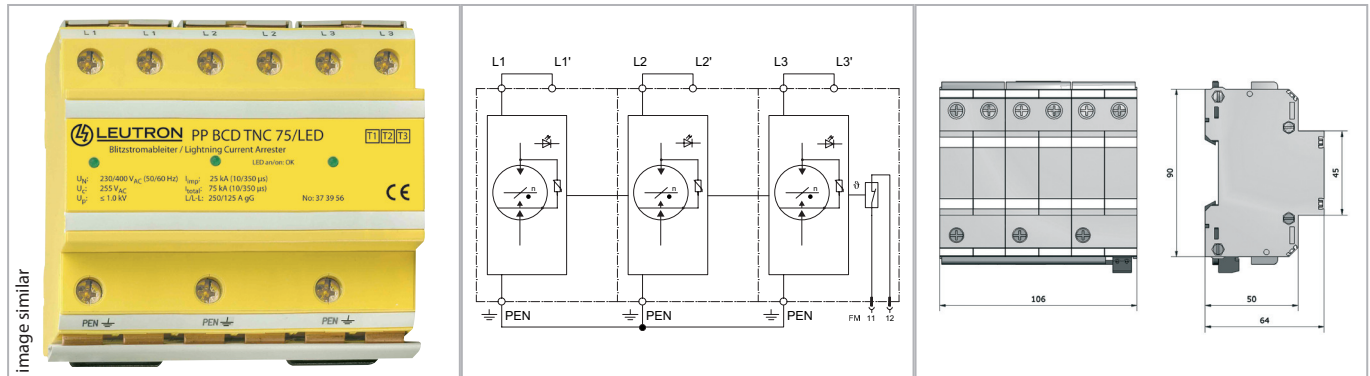


Surge protection of power supply

Combined arrester type 1 + 2 + 3 for AC power supplies / PowerPro



Combined multi-pole arrester for 3-phase TN-C systems.

- Test standard: IEC 61643-11 / EN 61643-11
- Monitoring of conductor and arrester via LED
- Not leakage current free
- EAC certification
- Remote signalling contact: break contact

Technical Data		PP BCD TNC 75/LED/FM
IEC category		Type 1 + 2 + 3 / class I+II+III
Nominal voltage AC	UN	230/400 V~
Max. continuous operating voltage AC (50/60 Hz)	Uc	255 V~
Insulation resistance	Risol	> 10 GΩ
Protection level at 100% lightn. imp. sparkover voltage (1.2/50µs)	Up	≤ 1.0 kV
Protection level	Up	≤ 1.0 kV
Response time	tA	< 50 ns
Lightning impulse current (10/350 µs) total	Itotal	75 kA
Lightning impulse current (10/350 µs) L-N/N-PE/L-PEN	Iimp	- / - / 25 kA
Follow-on current extinguishing capability at Uc (50/60 Hz)	I _{fi}	4 kA
Short-circuit withstand capability at max. back-up fuse	I _k	50 kA _{eff}
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		polycarbonate (halogen-free) UL 94-V0 / yellow
Degree of protection (IEC EN 60529)		IP 20
Mounting on		35 mm DIN rail (DIN EN 60715)

Order Data	
Product	PP BCD TNC 75/LED/FM
Article-No.	37 39 57