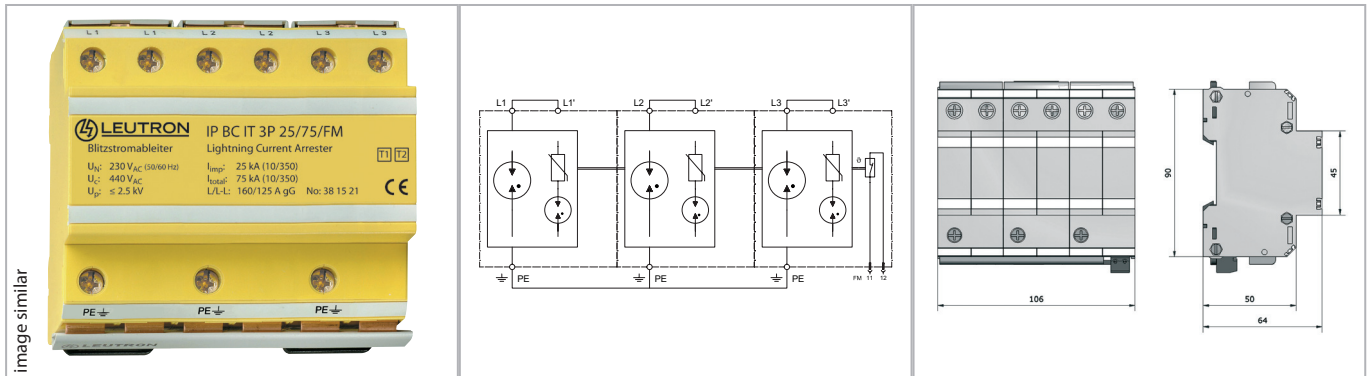


Datasheet

Surge protection of power supply

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



Three-pole SPD type 1+2 for 3-phase IT systems without N.

- Combined Arresters Class I+II (T1+T2)
- Test standard: IEC 61643-11 / EN 61643-11
- High insulation resistance Risol: $\geq 10 \text{ G}\Omega$
- Protection level $\leq 2.5 \text{ kV}$
- Remote signalling contact (FM): break contact
- EAC certification

Technical Data		IP BC IT 3P 25/75/FM
IEC category		Type 1 + 2 / class I+II
Nominal voltage AC	UN	230 V~
Max. continuous operating voltage AC (50/60 Hz)	Uc	440 V~
Insulation resistance	Risol	$> 10 \text{ G}\Omega$
Protection level at 100% lightning imp. sparkover voltage (1.2/50 μs)	Up	$\leq 2,5 \text{ kV}$
Protection level	Up	$\leq 2,5 \text{ kV}$
Response time	tA	$< 50 \text{ ns}$
Lightning impulse current (10/350 μs)	Iimp	25 (3x L-PE) kA
Lightning impulse current (10/350 μs) total	Itotal	75 kA
Max. acceptable backup fuse (branch wiring)		160 A gG
Max. acceptable backup fuse (V-type through wiring)		125 A gG
Operating temperature range	TU	$-40 - +80 \text{ }^\circ\text{C}$
Recommended conductor cross section		25 mm ²
Max. conductor cross section		50 mm ² stranded/35 mm ² flexible
Enclosure material / colour		polycarbonate (halogen-free) UL 94-V0 / yellow
Mounting on		35 mm DIN rail (DIN EN 60715)
Dimension (DIN 43880)		6 TE
Degree of protection (IEC EN 60529)		IP 20
Max. conductor cross section FM		1,5 mm ²
Max. switching capacity of remote signal contact FM		250/2 V/A

Order Data

Product	IP BC IT 3P 25/75/FM
Article-No.	38 15 21