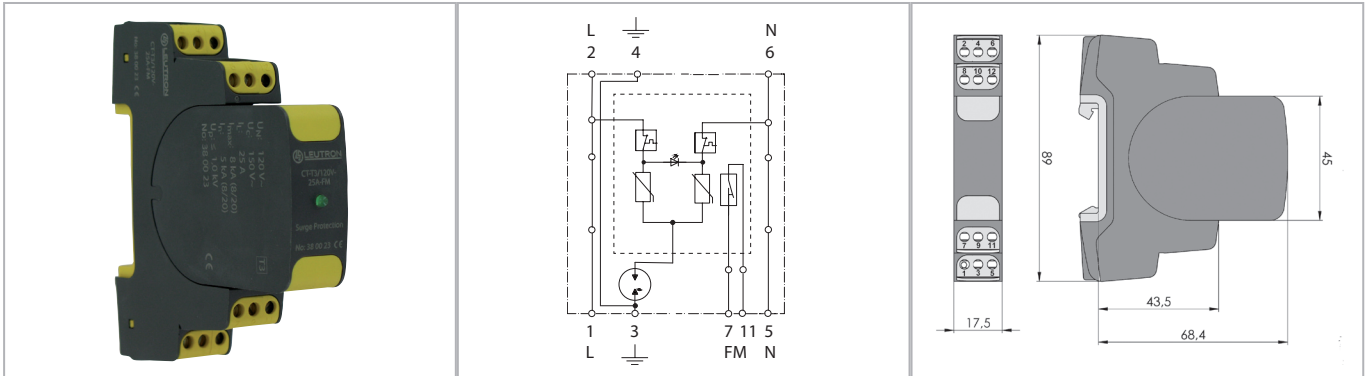


# Datasheet

## Surge protection of power supply

### SPD type 3 for AC power supplies



The SPD is applicable at the transition 2-3 according to the lightning protection zones concept. Pluggable 2-pole surge arrester type 3 (class III) for TN systems.

- Line function and equipment control by LED
- Leakage current free
- Remote signalling contact: break contact
- Space required for installation: 17.5 mm
- Test standard: IEC 61643-21 / EN 61643-21
- EAC certification

Technical Data		CT-T3/120V-25A-FM
IEC category		Type 3
Nominal voltage AC	UN	120 V~
Max. continuous operating voltage AC (50/60Hz)	Uc	150 V~
Rated load current	IL	25 A
Protection level L-N	Up	≤ 0,7 kV
Protection level L/N-PE	Up	≤ 1,0 kV
Combined surge	Uoc	4 kV
Response time L-N/L,N-PE		≤ 25/≤ 100 ns
Nominal impulse discharge current (10 x 8/20 μs)	In	5 kA
Max. impulse discharge current (8/20 μs)	Imax	8 kA
Max. allowed fuse or back-up fuse		25 A gG
Operating temperature range	TU	-40 – +80 °C
Conductor cross section (solid/stranded/AWG)		0.2-4.0/0.2-2.5 mm <sup>2</sup> / 24-12
Enclosure material / colour		Thermoplastic, yellow/black, UL 97 V-0
Degree of protection (IEC EN 60529)		IP 20
Mounting on		35 mm DIN rail (DIN EN 60715)
FM contact / contact type		break contact
Switching capacity FM		250 V/2 A
Max. conductor cross section FM		0.2-4.0/0.2-2.5 mm <sup>2</sup> / 24-12
Max. locking torque FM terminals		0,4 Nm

Order Data	
Product	CT-T3/120V-25A-FM
Article-No.	38 00 23