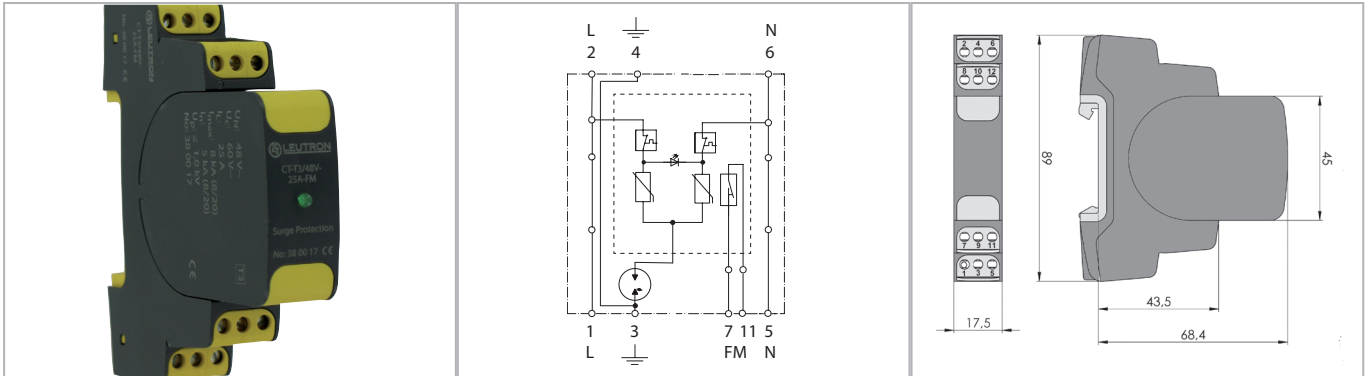


Datasheet

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-T3/48V-25A-FM |
|--|------|---|
| IEC category | | Type 3 |
| Nominal voltage AC | UN | 48 V~ |
| Max. continuous operating voltage AC (50/60Hz) | Uc | 60 V~ |
| Rated load current | IL | 25 A |
| Protection level L-N | Up | ≤ 0,35 kV |
| Protection level L/N-PE | Up | ≤ 1,0 kV |
| Combined surge | Uoc | ≤ 2 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 ² / 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 ² / 24-12 |
| Max. locking torque FM terminals | | 0,4 Nm |

| Order Data | |
|-------------|------------------|
| Product | CT-T3/48V-25A-FM |
| Article-No. | 38 00 17 |