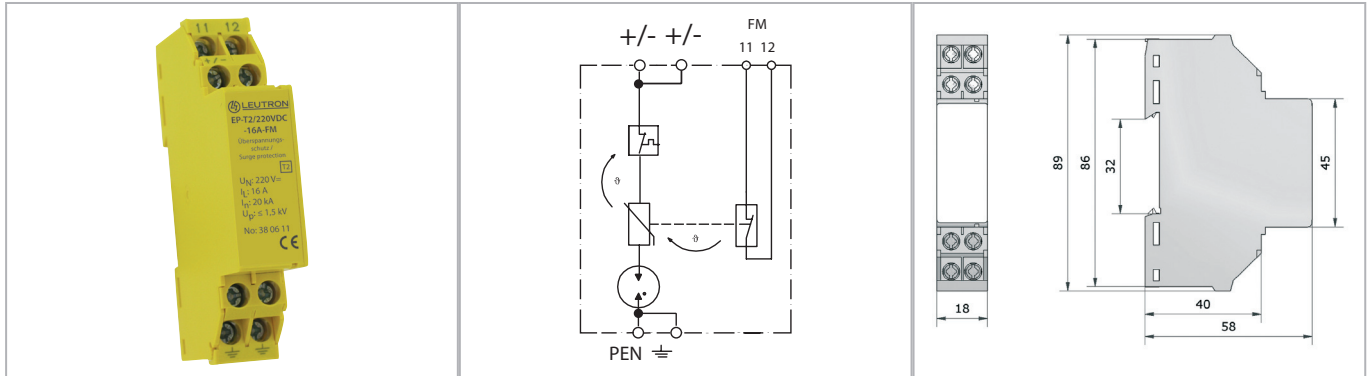


# Datasheet

## Surge protection of power supply

### DC Power Supply



**Compact and leakage-current free 1-pole surge arrester type 2 (class II) for nominal voltage DC of 220 V and rated load current of 16 A.**

- Remote signalling contact: break contact
- Practical compact housing with minimum space requirement
- Leakage current free

Technical Data		EP-T2/220VDC-16A-FM
IEC category		Type 2 /class II
Nominal voltage DC	UN	220 V=
Max. continuous operating voltage DC	Uc	230 V=
Rated load current	IL	16 A
Protection level at In (8/20 μs)	Up	≤ 1,5 kV
Response time +/- to PEN	tA	≤ 100 ns
Nominal impulse discharge current (10 x 8/20 μs)	In	20 kA
Max. impulse discharge current (8/20 μs)	Imax	25 kA
Max. allowed fuse or back-up fuse		16 A gG
Operating temperature range	TU	-40 – +80 °C
Min. conductor cross section at terminals		2.5 mm <sup>2</sup> single-wire / 1.5 mm <sup>2</sup> flexible with sleeve
Max. conductor cross section		2.5 mm <sup>2</sup> flexible / 4mm <sup>2</sup> solid
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)
FM contact / contact type		break contact
Switching capacity FM		250 V/2 A
Max. conductor cross section FM		1.5mm <sup>2</sup> solid/flexible

### Order Data

Product	EP-T2/220VDC-16A-FM
Article-No.	38 06 11