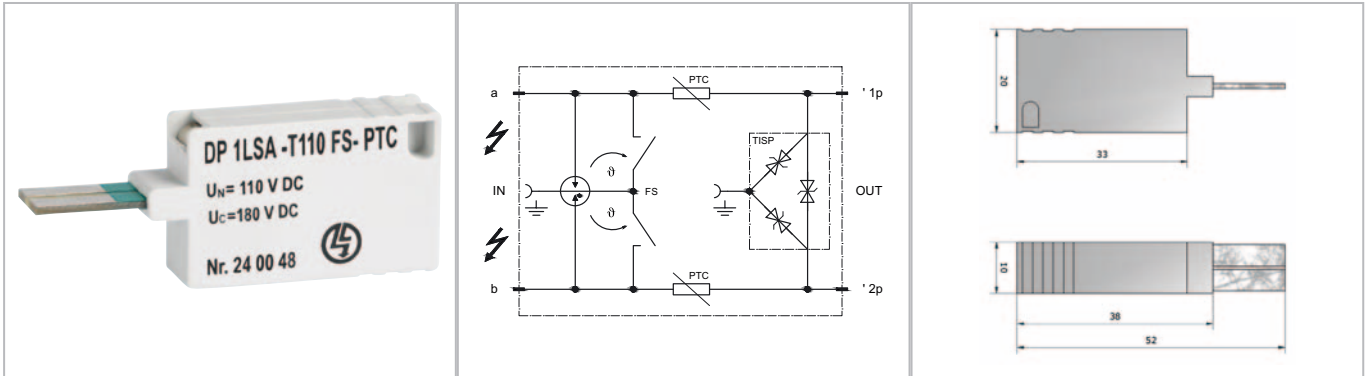


Datasheet

Surge protection for information technology and telecommunication installations

SPD according to test category C2+C1



Surge voltage and surge current protection for communication and data transmission lines. Protection connector (1DA) with surge current protection via PTC thermistors, for analogue, ISDN and ADSL lines. Integrated coarse and fine protection and fail-safe contact.

Surge protection device for data and signal lines in measuring systems and automatic control devices. Surge voltage protection connector for 1 DA, with surge current protection via PTC thermistors and fail-safe contact for LSA (IDC) disconnection modules.

- Coarse and fine protection
- Surge current protection via PTC thermistors
- Suitable for DC and AC application
- Fail-safe thermal overload protection

Technical Data	DP 1LSA-T110FS-PTC	
Nominal voltage DC	UN	110 V=
Max. continuous operating voltage DC	Uc	180 V=
Nominal operating current at 25°C	IL	150 mA
C2 nominal discharge current (8/20 μs)	In	5 kA
Nominal discharge current (8/20)	In	10 kA
Voltage protection level at isn (In) (L-PE, L1-L2)	Up	≤ 300 V
Residual voltage at 1 kV/μs (line-PG, line-line)	Ures	≤ 300 V
Response time	tA	≤ 5 ns
Transversal Capacitance	C	≤ 60 pF
Series impedance per line at 25°C	R	9 - 11 Ω
Max. transmission frequency	fg	> 20 MHz
Thermal overload protection		thermal fail-safe (short-circuit spring) and PTC
Operating temperature range	TU	-25 - +60 °C
Earthing (Grounding) by		via grounding bar and isolation unit on LSA backmount frame
Enclosure material / colour		self-extinguishing thermoplastic (POCAN) UL 94 V0, grey
Net weight / pc		10 g

Order Data	
Product	DP 1LSA-T110FS-PTC
Article-No.	24 00 48