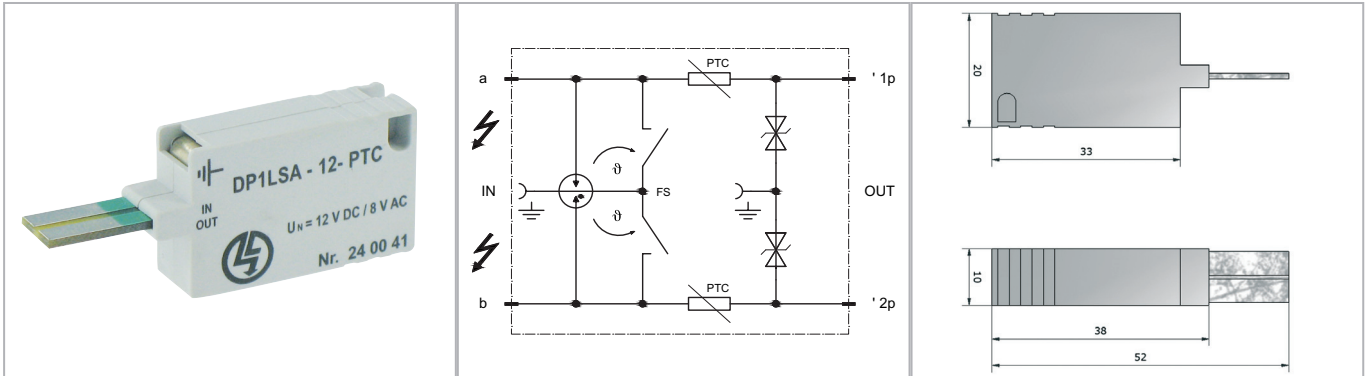


Datasheet

Surge protection for information technology and telecommunication installations

SPD according to test category C2+C1



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-12-PTC	
Max. continuous operating voltage DC	U _c	12 V=
Nominal alternating voltage (50/60Hz)	U _N	8 V~
Max. continuous operating voltage AC (50/60Hz)	U _c	10 V~
Nominal operating current at 25°C	I _L	150 mA
C2 nominal discharge current (8/20 μs)	I _n	5 kA
Nominal discharge current (8/20)	I _n	10 kA
Protection level at I _n (line-PG)	U _p	≤ 28 V
Residual voltage at 1 kV/μs (line-PG)	U _{res}	≤ 22 V
Response time	t _A	≤ 1 ns
Thermal overload protection		thermal fail-safe (short-circuit spring) and PTC
Capacitance, line-earth	C	≤ 2,5 nF
Series impedance per line at 25°C	R	9 - 11 Ω
Max. transmission frequency	f _g	> 1,0 MHz
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-12-PTC
Article-No.	24 00 41