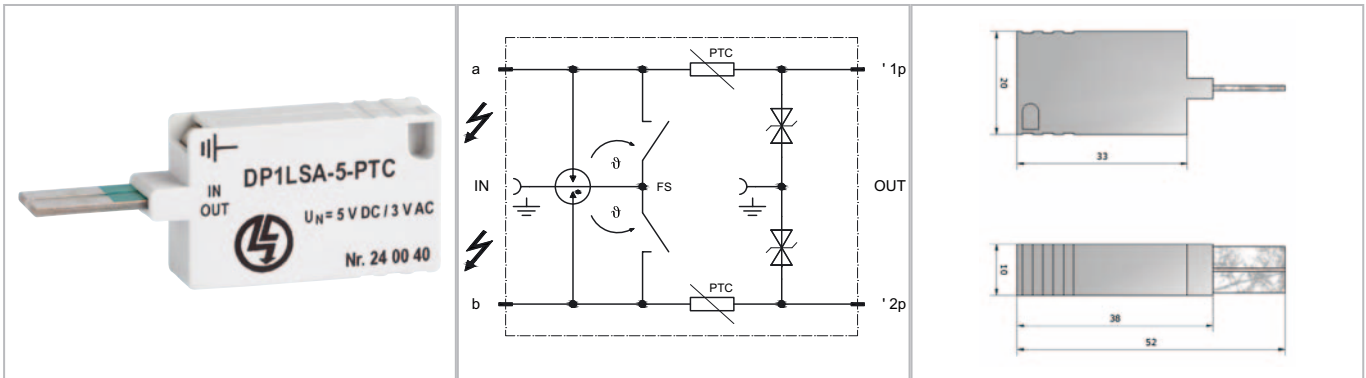


Datasheet

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-5-PTC	
Nominal voltage DC	UN	5V=	
Max. continuous operating voltage DC	Uc	6V=	
Nominal alternating voltage (50/60Hz)	UN	3V~	
Max. continuous operating voltage AC (50/60Hz)	Uc	4V~	
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	
Protection level at In (line-PG)	Up	≤ 15 V	
Residual voltage at 1 kV/μs (line-PG)	Ures	≤ 12 V	
Response time	tA	≤ 1 ns	
Thermal overload protection		thermal fail-safe (short-circuit spring) and PTC	
Capacitance, line-earth	C	≤ 4,5 nF	
Series impedance per line at 25°C	R	9 - 11 Ω	
Max. transmission frequency	fg	1,6 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-5-PTC
Article-No.	24 00 40