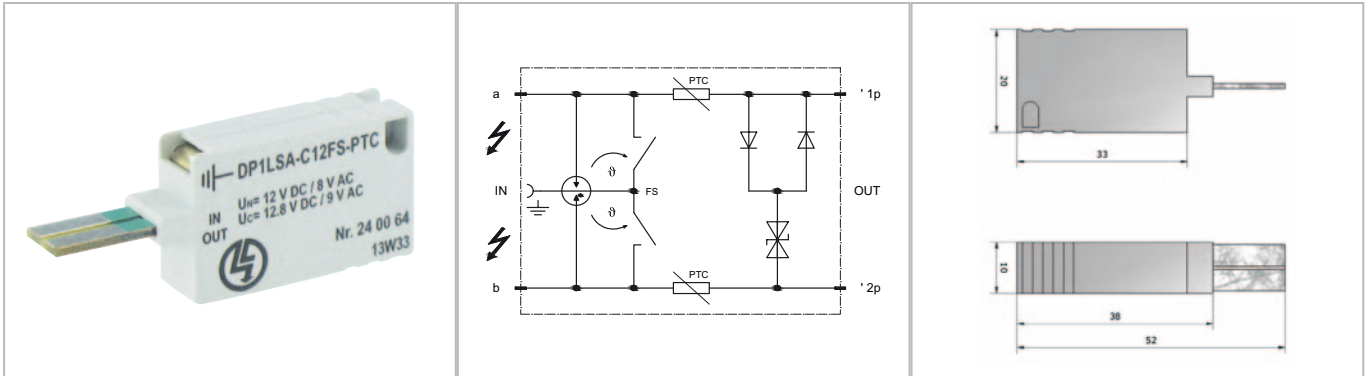


Datasheet

Surge protection for information technology and telecommunication installations

SPD according to test category C2+C1



Surge voltage protector 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 higher frequency transmission range for measuring systems and automatic control devices, for LSA (IDC) disconnection modules.

- Surge current protection via PTC thermistors
- High impulse discharge current of 10 kA (8/20 μ s)
- Suitable for DC and AC application

Technical Data	DP 1LSA-C12FS-PTC	
Nominal voltage DC	UN	12 V=
Max. continuous operating voltage DC	Uc	14 V=
Nominal alternating voltage (50/60Hz)	UN	8 V~
Max. continuous operating voltage AC (50/60Hz)	Uc	10 V~
Nominal operating current at 25°C	IL	150 mA
C2 nominal discharge current (8/20 μ s)	In	5 kA
Nominal discharge current (8/20)	In	10 kA
Protection level at In (line-line)	Up	≤ 22 V
Protection level at In (line-PG)	Up	≤ 600 V
Response time a-b	tA	≤ 1 ns
Response time a,b to PG		< 100 ns
Transversal Capacitance	C	≤ 30 pF
Series impedance per line at 25°C	R	9 - 11 Ω
Max. transmission frequency	fg	≤ 30 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-C12FS-PTC
Article-No.	24 00 64