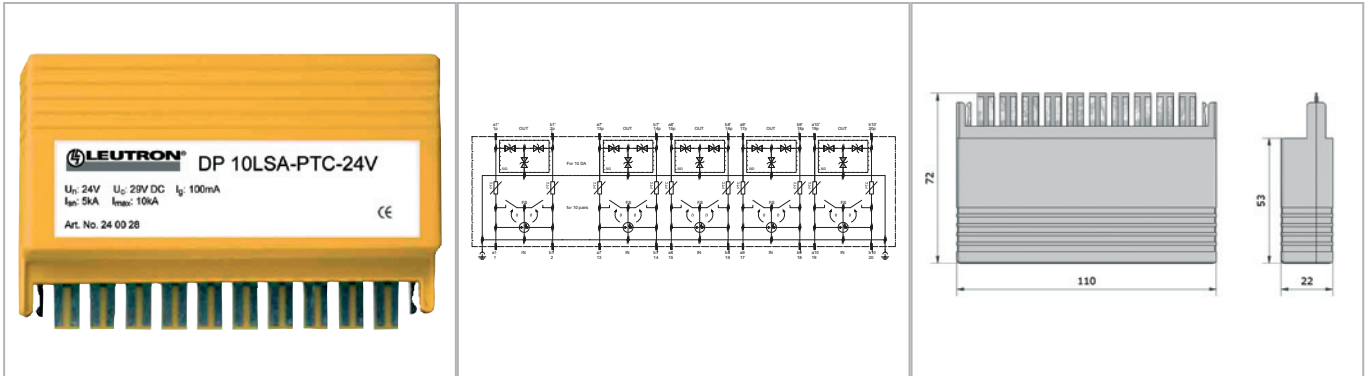


Datasheet

Surge protection for information technology and telecommunication installations

SPD according to test category C2+C1



Surge voltage arrester with surge current protection via PTC thermistors. Designed for telecommunication lines as a pluggable module with 10 pair of wires (DA) for LSA (IDC) disconnection modules.

- Surge arrester for telecommunications
- Protection for up to 10 pair of wires (DA)
- Integrated coarse and fine protection
- Surge voltage protection against longitudinal and transverse voltages
- PTC surge current protection

Technical Data	DP 10LSA-PTC-24V	
Nominal voltage DC	UN	24 V=
Max. continuous operating voltage DC	Uc	29 V=
Max. continuous operating voltage AC (50/60Hz)	Uc	21 V~
Residual voltage 1kV/μs	Ures	≤ 46 V
Nominal operating current at 25°C	IL	150 mA
C2 nominal discharge current (8/20 μs)	In	5 kA
Max. impulse discharge current (8/20 μs)	I _{max}	10 kA
Protection level at In	Up	≤ 60 V
Response time	tA	≤ 1 ns
Operating temperature range	TU	-40 - +80 °C
Capacitance, line-earth	C	< 1,4 nF
Series impedance per line at 25°C	R	9 - 11 Ω
Max. transmission frequency	fg	≤ 4,2 MHz
Dimensions (L x W x H)	110 x 22 x 72 mm	
Thermal overload protection	thermal fail-safe (short-circuit spring) and PTC	
Earthing (Grounding) by	via grounding bar and isolation unit on LSA backmount frame	
Enclosure material / colour	Thermoplastic: grey or yellow	

Order Data

Product	DP 10LSA-PTC-24V
Article-No.	24 00 28