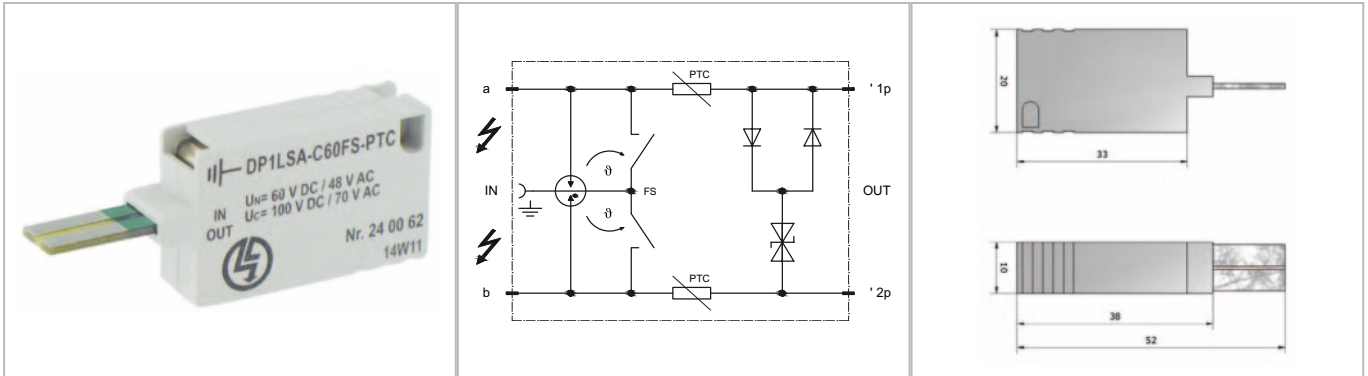


# Datasheet

## 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  $\mu$ s)
- Suitable for DC and AC application

Technical Data	DP 1LSA-C60FS-PTC	
Nominal voltage DC	UN	60 V=
Max. continuous operating voltage DC	Uc	100 V=
Nominal alternating voltage (50/60Hz)	UN	48 V~
Max. continuous operating voltage AC (50/60Hz)	Uc	70 V~
Nominal operating current at 25°C	IL	150 mA
C2 nominal discharge current (8/20 $\mu$ s)	In	5 kA
Nominal discharge current (8/20)	In	10 kA
Protection level at In (line-line)	Up	$\leq 180$ V
Protection level at In (line-PG)	Up	$\leq 600$ V
Response time a-b	tA	$\leq 25$ ns
Response time a,b to PG		$< 100$ ns
Transversal Capacitance	C	$\leq 30$ pF
Series impedance per line at 25°C	R	9 - 11 $\Omega$
Max. transmission frequency	fg	$\leq 30$ 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-C60FS-PTC
Article-No.	24 00 62