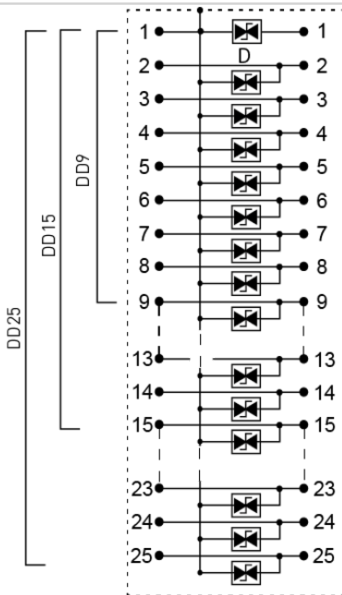
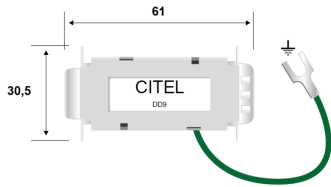


DD9-6V



- ✦ D-Sub surge protector
- ✦ For RS422 communication lines
- ✦ 9-pin connector
- ✦ Fast and easy installation
- ✦ Secondary protection



D: Clamping diode

Electrical Characteristics

Network		RS422, RS423
Nominal line voltage	Un	5 Vdc
Max. DC operating voltage	Uc	6 Vdc
Max. frequency	f max.	> 10 MHz
Max. data rate		< 40 Mbps
Insertion loss		< 1 dB
Max. load current @25°C	IL	750 mA
Max. discharge current max. withstand @ 8/20 µs by pole	Imax	20 kA
Total Maximum discharge current max. total withstand @ 8/20 µs	Imax Total	20 kA
Line inductance (± 10 %)		non
Protection mode(s)		Common/Differential mode
Protection Level C3 (10/1000µs), 300 applications@10 A, X-X (Line/Line)	Up	7.5 V
Protection level C3 (10/1000µs), 300 applications@10 A, X-C (Line/Earth)	Up	20 V
Max. capacitance	C	< 30 pF
Impulse current 2 x 10/350µs Test - D1 Category	Iimp	2.5 kA
Nominal discharge current C2 Category	In	5 kA
Line/Line Nominal discharge current C2 Category	In L/L	400 A
Nominal Discharge Current, X-C (Line/Earth) 8/20µs Test x 10 - C2 Category	In L/PE	400 A
Type of diagram		B
Line resistance		< 4.7 Ohm
Capacitance @1MHz, X-C (Line/Earth)	C	< 500 pF

Mechanical Characteristics

Technology		Diode écrêtage
SPD configuration		9 wires
Connection to Network		D-Sub 9 pts male/female Input/output
Format		In/out D-Sub connector unit
Mounting		On cable
Housing material		Thermoplastic UL94 V-0
Operating temperature	Tu	-40/+85°C
Protection rating		IP20
Failsafe mode		Short-circuit - transmission cut-off - fault mode 2
Disconnection indicator		Transmission interrupt
Spare module(s)		S480-24D3
Remote signaling of disconnection		No
Pinout		all wires transmitted and protected
Dimensions		See diagram
Weight		0.063 kg

Standards

Standards compliance		IEC 61643-21 / EN 61643-21 / UL497B
Certification		UL 497B

Part number

6148