



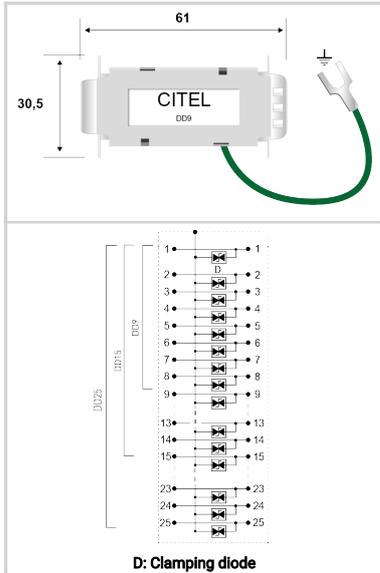
# CITEL



## D-sub dataline surge protector

### DD9-24V

- D-Sub surge protector
- For RS232, RS485 communication lines
- 9-pin connector
- Fast and easy installation
- Secondary protection



Electrical Characteristics		
Network		RS232, RS485, 4-20mA
Nominal line voltage	Un	24 Vdc
Max. DC operating voltage	Uc	40 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	125 A
Nominal Discharge Current C2 (1.2/50μs / 8/20μs), 10 applications, X-X (Line/Line)	In	125 A
Nominal discharge current C2 (1.2/50μs / 8/20μs), 10 applications X-C (Line/Earth)	In	125 A
Total Maximum discharge current max. total withstand @ 8/20 μs	Imax Total	1125 A
Line inductance (± 10 %)		non
Protection mode(s)		Common mode
Protection Level C3 (10/1000μs), 300 applications@10 A, Y-Y (Line/Line)	Up	130 V
Protection Level C3 (10/1000μs), 300 applications@10 A, Y-C (Line/Earth)	Up	65 V
Line resistance		< 0.05 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
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		
<b>6147</b>		

