



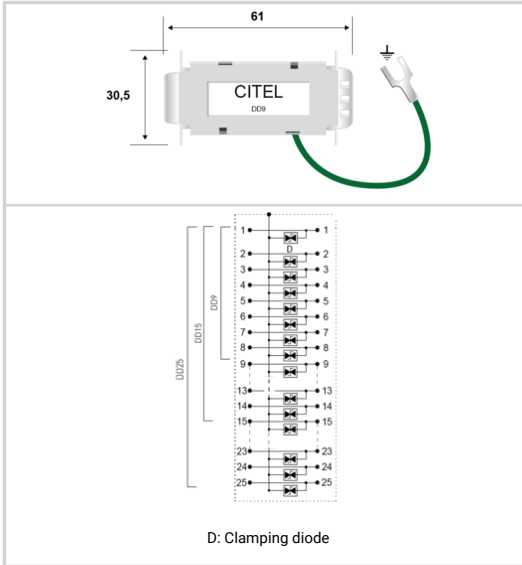
# D-sub dataline surge protector

# CITEL

## 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
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 category (10/1000µs), 300 applications@10 A, X-X (Line /Line)	Up		130 V
Protection level C3 category (10/1000µs), 300 applications@10 A, X-C (Line /Earth)	Up		65 V
Nominal Discharge Current C2 category (8/20µs), 10 applications, X-X (Line/Line)	In		125 A
Nominal discharge current C2 category (8/20µs), 10 applications X-C (Line/Earth)	In		125 A
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			
6147			

