



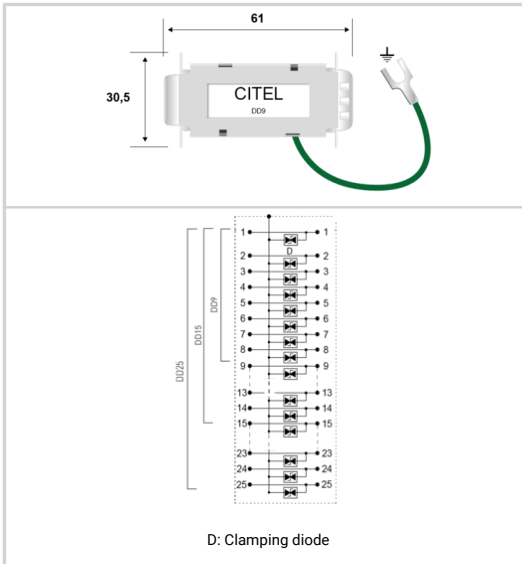
# D-sub dataline surge protector

# 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	No
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	

