



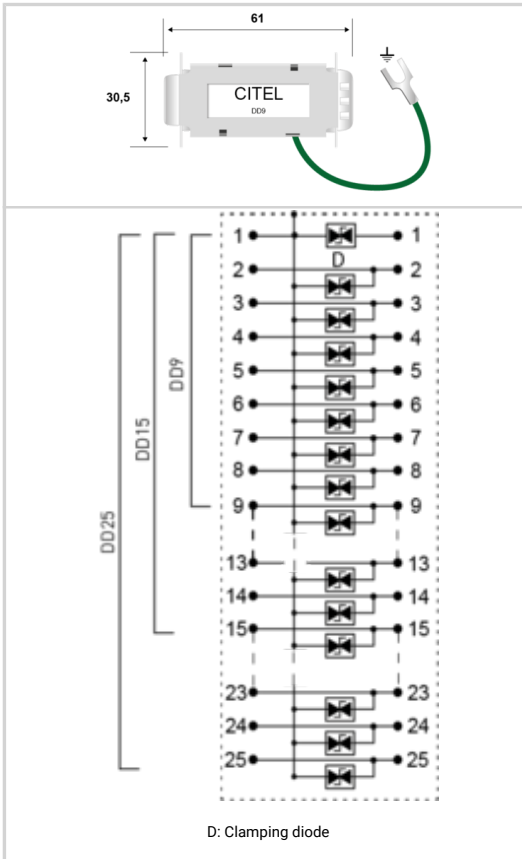
# CITEL

## D-sub dataline surge protector

### DD9-6V



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



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	No
Protection mode(s)	Common/Differential mode
Protection level @ In (8/20 µs)	Up L/L 7.5 V
Protection level @ In (8/20 µs)	Up L/PE 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	

