



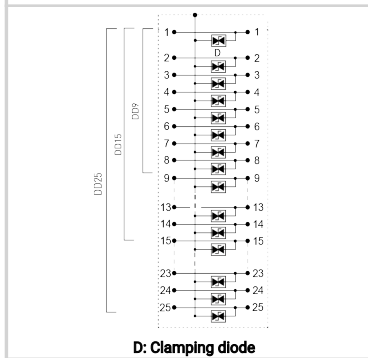
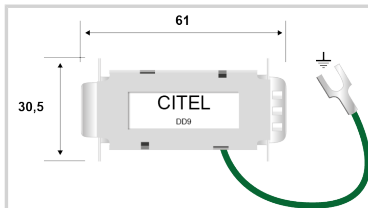
CITEL

D-SUB DATA LINE SPD - UL497B

DD9-24V



• Data Line Surge Protector for RS Networks • 9, 15 and 25-Pin D-Sub Connectors • Supports Data Rates Up to 40Mbps • Fast and Easy Installation • Ideal for Equipment Level Protection • UL497B Listed



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
Nominal Discharge Current <i>C2 (1.2/50us / 8/20μs), 10 applications, X-X (Line/Line)</i>	In		300 A
Nominal Discharge Current, X-C (Line/Earth) <i>8/20μs Test x 10 - C2 Category</i>	In L/PE		300 A
Protection Level <i>C3 (10/1000μs), 300 applications@10 A, Y-Y (Line/Line)</i>	Up		65 V
Mechanical Characteristics			
Technology			SAD
Connection to Network			D-Sub 9 pts male/female Input/output
Format			In/out D-Sub connector unit
Mounting			On serial cable
Operating temperature	Tu		-40/+85°C
Protection rating			IP20
Failsafe mode			Short-circuit - transmission cut-off - fault mode 2
Pinout			all wires transmitted and protected
MATERIAL			Thermoplastic UL94-V0
DIMENSIONS			See diagram (mm)
Standards			
Certification			UL Listed
Environmental standards			EU RoHS
UL STANDARD			UL497B
UL CATEGORY			QVGQ
UL FILE NUMBER			E184939
STANDARDS			IEC 61643-21
Part number			
6147			

