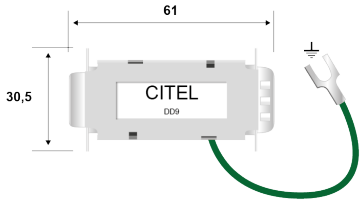
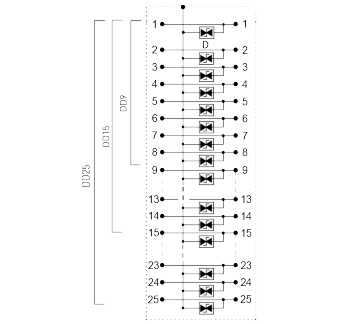
D-SUB DATA LINE SPD - UL497B

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





D: Clamping diode

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 *C2 (1.2/50us / 8/20µs), 10 applications, X-X (Line/Line)*	In	300 A
Nominal Discharge Current, X-C (Line/Earth) *8/20µs Test x 10 - C2 Category*	In L/PE	300 A
Protection Level *C3 (10/1000µs), 300 applications@10 A, Y-Y (Line/Line)*	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 - transmision 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		