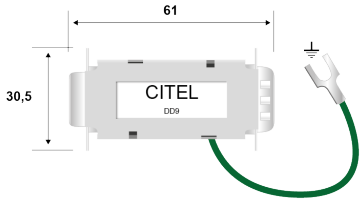
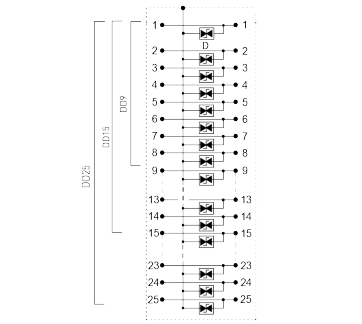
D-sub dataline surge protector

DD9-24V



- D-Sub surge protector
- For RS232, RS485 communication lines
- 9-pin connector
- Fast and easy installation
- Secondary protection





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
Line inductance (± 10 %)		non
Protection Level *C3 (10/1000µs), 300 applications@10 A, Y-Y (Line/Line)*	Up	65 V
Line/Line Nominal discharge current *C2 Category*	In L/L	300 A
Type of diagram		B
Line resistance		< 0.05 Ohm
Mechanical Characteristics		
Technology		SAD
SPD configuration		9 wires
Connection to Network		D-Sub 9 pts male/female Input/output
Format		In/out D-Sub connector unit
Mounting		On serial cable
Housing material		Thermoplastic UL94 V-0
Operating temperature	Tu	-40/+85°C
Protection rating		IP20
Failsafe mode		Short-circuit - transmision cut-off - fault mode 2
Disconnection indicator		Transmision 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 Listed
Environmental standards		EU RoHS
Part number		
6147		