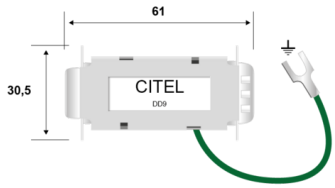
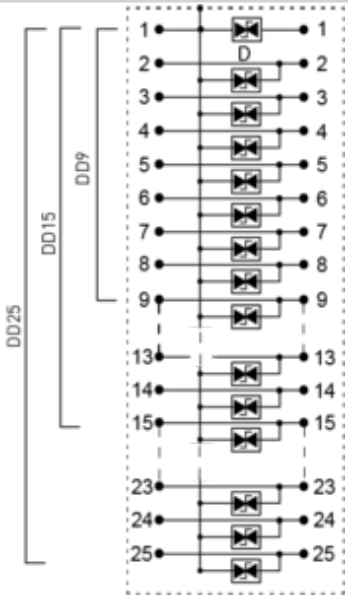
D-sub dataline surge protector

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	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 *Following the test category C3 (IEC61643-21) - Line/Line*	Up	18 V
Protection level *Following the test category C3 (IEC61643-21) - Line/PE*	Up	20 V
Max. capacitance	C	< 30 pF
Impulse current *2 x 10/350µs Test - D1 Category*	limp	2.5 kA
Nominal discharge current *C2 Category*	In	5 kA
Line/Line Nominal discharge current *C2 Category*	In L/L	300 A
Line/Ground Nominal discharge current *8/20µs Test x 10 - C2 Category*	In L/PE	300 A
Type of diagram		B
Line resistance		< 4.7 Ohm
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 - transmision 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		
6147		