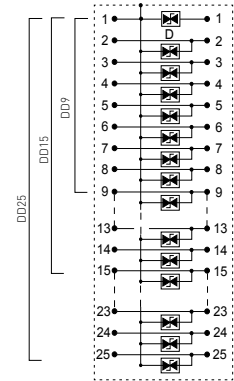
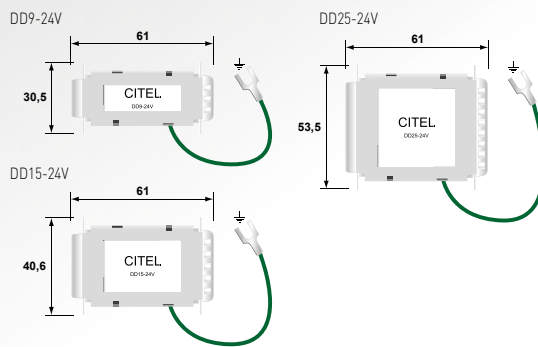


D-Sub Dataline Surge Protector

DD series



- “D-Sub” surge protectors
- For RS232, RS422, RS485 communication lines
- Fast and easy installation
- 9, 15 and 25-pin connectors
- Secondary protection
- IEC 61643-21, EN 61643-21 and UL497B compliance

Characteristics

CITEL Model	DD*-24V	DD*-6V		
Description	D-sub dataline surge protector	D-sub dataline surge protector		
Network	RS232, RS485, 4-20mA	RS422, RS423		
Max. data rate	< 40 Mbps	< 40 Mbps		
SPD configuration	9, 15 or 25-pin connector	9, 15 or 25-pin connector		
Pin outs	all wires transmitted and protected	all wires transmitted and protected		
Nominal line voltage	Un 12 Vdc	5 Vdc		
Max. DC operating voltage	Uc 15 V	6 V		
Max. Load current	IL 750 mA	750 mA		
Max. frequency	f max > 10 MHz	> 10 MHz		
Insertion loss	< 1 dB	< 1 dB		
Line/Ground Nominal discharge current <i>8/20µs Test x 10 - C2 category</i>	In 300 A	400 A		
Line/Line Nominal discharge current <i>8/20µs Test x 10 - C2 category</i>	In 300 A	400 A		
Protection level	Up 18 V	7.5 V		
Failsafe behavior	Short-circuit	Short-circuit		
Mechanical characteristics				
Dimensions	see diagram			
Mounting	in/out D-Sub connector unit			
Disconnection indicator	transmission interrupt			
Mounting	on cable			
Operating temperature	-40/+85°C			
Protection rating	IP20			
Housing material	Thermoplastic UL94-V0			
Standards compliance	IEC 61643-21 / EN 61643-21 / UL497B			
Part number				
25-pin connector male/famelle	DD25-24V	6145	DD25-6V	891725
15-pin connector male/famelle	DD15-24V	6214	DD15-6V	6144
9-pin connector male/famelle	DD9-24V	6147	DD9-6V	6148

* : 9, 15 or 25-pin