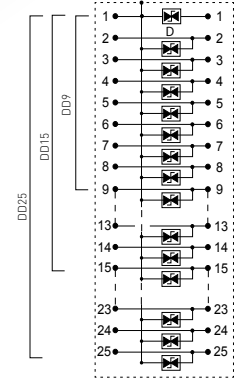
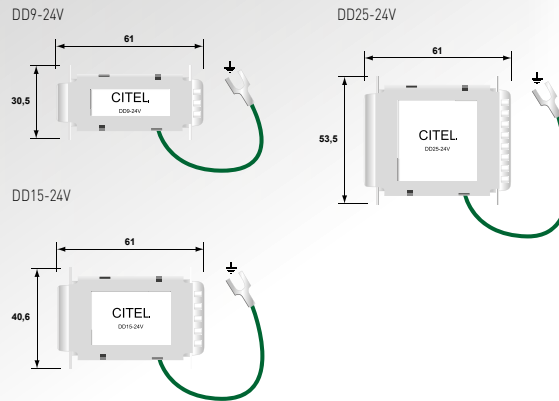


Data “D-Sub” Surge Protectors DD series



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

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 - 8/20µs Test x 10 - category C2	In	300 A	400 A	
Nominal discharge current Line/Line - 8/20µs Test x 10 - category C2	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