



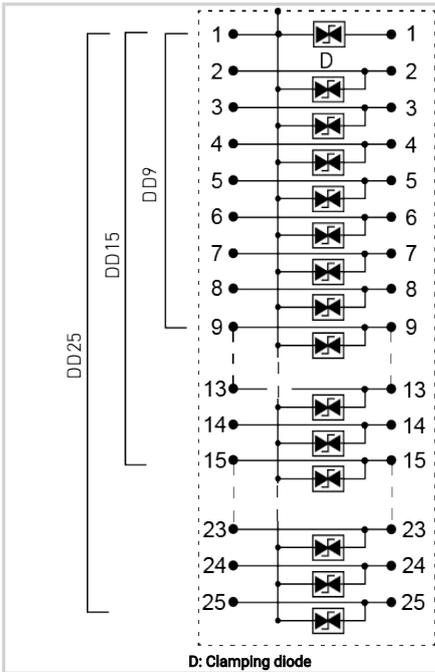
# CITEL



## D-Sub DATA LINE SPD

### DD15-SDLC

- Data Line Surge Protector for SDLC Networks
- 15Pin D-Sub Connectors
- Supports Data Rates Up to 40Mbps
- Fast and Easy Installation
- Ideal for Equipment Level Protection



Electrical Characteristics		
Network		RS422, RS423
Nominal line voltage	Un	5 Vdc
Max. DC operating voltage	Uc	6 Vdc
Max. frequency	f max.	> 10 MHz
Max. data rate		< 40 Mbps
Max. load current @25°C	IL	1,5 A
Max. discharge current <i>max. withstand @ 8/20 μs by pole</i>	Imax	20 kA
Nominal discharge current <i>C2 Category</i>	In	1 kA
Nominal Discharge Current, X-C (Line/Earth) <i>8/20μs Test x 10 - C2 Category</i>	In L/PE	400 A
Total Maximum discharge current <i>max. total withstand @ 8/20 μs</i>	Imax Total	15 kA
Protection mode(s)		Common/Differential mode
Protection Level <i>C3 (10/1000μs), 300 applications@10 A, Y-Y (Line/Line)</i>	Up	7.5 V
Protection Level <i>C3 (10/1000μs), 300 applications@10 A, X-C (Line/Earth)</i>	Up	20 V
Capacitance <i>@1MHz, X-C (Line/Earth)</i>	C	< 500 pF
VOLTS	(V)	6
AMBIENT MIN	(C)	-40
AMBIENT MAX	(C)	+85
MCOV	(V)	8
MAX. FREQUENCY	Mhz	20
INSERTION LOSS (@ FREQ)	(db)	< 0.1
Miscellaneous		
Individual Pack		Yes
Mechanical Characteristics		
Technology		Diode écrêtage
Connection to Network		D-Sub 15 pts male/female Input/output
Format		In/out D-Sub connector unit
Operating temperature	Tu	-40/+85°C
Protection rating		IP20
Failsafe mode		Short-circuit - transmission cut-off - fault mode 2
Pinout		all wires transmitted and protected
TECHNOLOGY		SAD
NETWORK CONFIGURATION		15W+G
CONNECTION METHOD		15-pin D-Sub connector (DB-15)
MATERIAL		Thermoplastic UL94-V0
NEMA RATING (IP RATING)		NEMA 2 (IP20)
DIMENSIONS		60.7mm x 41.2mm x 16.1mm (LxWxH)
WEIGHT		0.08 lbs
Standards		
STANDARDS		IEC 61643-21
ENVIRONMENTAL STANDARDS		ROHS
Part number		
<b>570203</b>		

