



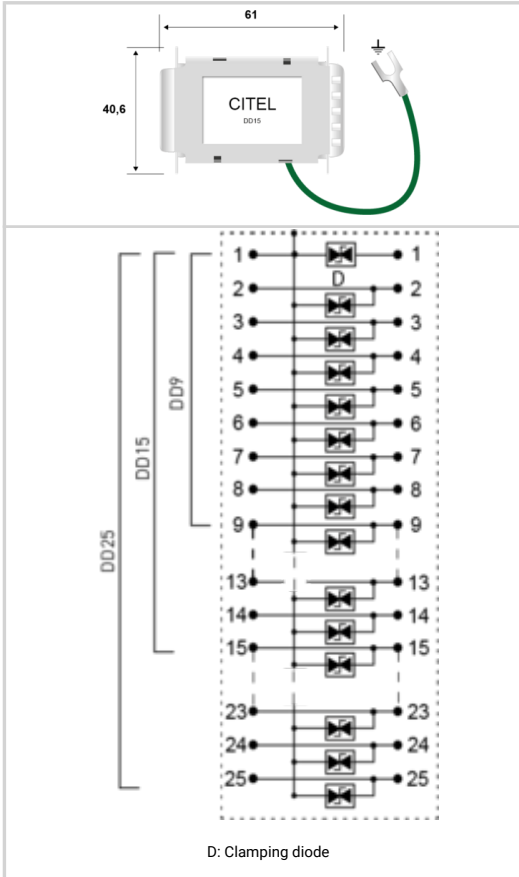
DATA LINE SPD - UL497B - I_{max} 1kA - I_n 1kA

CITEL

DD15-24V



- Data Line Surge Protector for RS Networks • 9, 15 and 25-Pin D-Sub Connectors • Supports Data Rates Up to 40Mbps • Fast and Easy Installation • Ideal for Equipment Level Protection • UL497B Listed



Electrical Characteristics			
Max. DC operating voltage	U _c		40 Vdc
Insertion loss			< 1 dB
Max. load current @25°C	I _L		750 mA
Total Maximum discharge current max. total withstand @ 8/20 μs	I _{max} Total		20 kA
Protection mode(s)			Common/Differential mode
Max. capacitance	C		< 30 pF
Impulse current 2 x 10/350 μs Test - D1 Category	I _{imp}		2.5 kA
Nominal discharge current C2 Category	I _n		5 kA
Nominal Discharge Current, X-C (Line/Earth) 8/20 μs Test x 10 - C2 Category	I _n L/PE		300 A
Capacitance @ 1MHz, X-C (Line/Earth)	C		< 500 pF
DATA SPD TYPE			UL497B LISTED
VOLTS	(V)		24
WIRES			15W+GROUND
LINE CURRENT MAX	(A)		0.3
AMBIENT MIN	(C)		-50
AMBIENT MAX	(C)		+85
RESIDUAL VOLTAGE	(V)		20
MCOV	(V)		28/
IMAX 8/20 μs	(kA)		1
I _{imp} 10/350 μs	(kA)		-
DATA SPEED	(Mbps)		up to 10MHz
Installation			
Operating Temperature _{Min}	°C		-40.0000
Operating Temperature _{Max}	°C		85.0000
Operating Temperature _{Min}	°F		-40.0000
Operating Temperature _{Max}	°F		85.0000
Operating Relative Humidity _{Max}	%RH		95
Operating Altitude _{Min}	Ft		2000.0000
Operating Altitude _{Max}	Ft		6500.0000
Housing/Enclosure material			Thermoplastic
Flammability rating _{UL 94}			V0
Mounting			D-Sub connector
IP Environmental rating _{IP}			IP20
Installation Location			Indoor
Accessories			90° Stainless steel bracket
Product Dimension _L	mm		61.0000
Product Dimension _W	mm		40.6000
Product Dimension _L	In		2.4000
Product Dimension _W	In		1.5900
Miscellaneous			
Individual Pack			Yes
Storage Temperature _{Min}	°C		-40.0000
Storage Temperature _{Max}	°C		85.0000
Storage Temperature _{Min}	°F		-40.0000
Storage Temperature _{Max}	°F		85.0000
Storage Relative Humidity _{Max}	%RH		95.0000
Installation			
Cable type			Serial cable
Mechanical Characteristics			
Connection to Network			D-Sub 15 pts male/female Input/output
Weight			0.063 kg

DD15-24V

TECHNOLOGY	SAD
NETWORK CONFIGURATION	15W+G
CONNECTION METHOD	15-pin D-Sub connector
MOUNTING	SURFACE MOUNT
MATERIAL	Thermoplastic UL94-V0
NEMA RATING (IP RATING)	NEMA 2 (IP20)
DIMENSIONS	See diagram
WEIGHT	0.30 lbs
SPARE PART	n/a
Standards	
Certification	UL 497B
UL STANDARD	UL497B
UL CATEGORY	QVGQ
UL FILE NUMBER	E184939
STANDARDS	IEC 61643-21
ENVIRONMENTAL STANDARDS	ROHS
Part number	
6214	