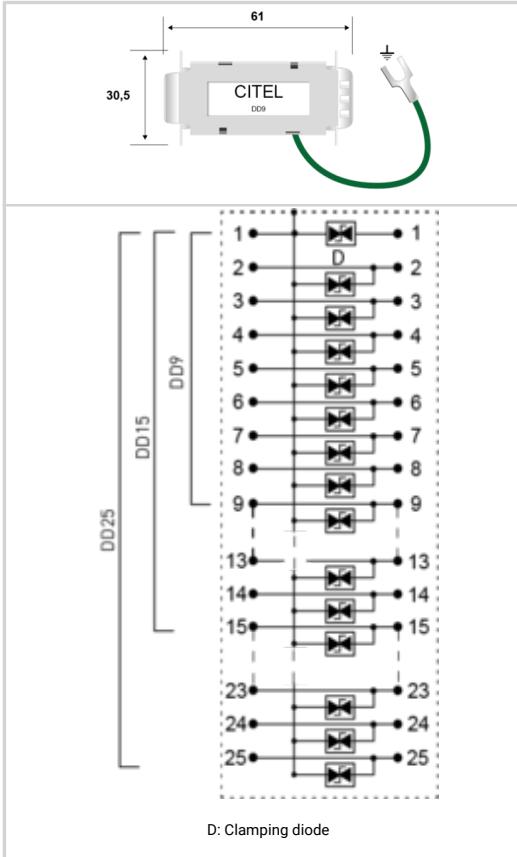


## DD9-6V



- 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	
Insertion loss	< 1 dB
Max. load current @25°C	IL 750 mA
Total Maximum discharge current max. total withstand @ 8/20 μs	I <sub>max</sub> Total 20 kA
Protection mode(s)	Common/Differential mode
Max. capacitance	C < 30 pF
Impulse current 2 x 10/350μs Test - D1 Category	I <sub>imp</sub> 2.5 kA
Nominal discharge current C2 Category	I <sub>n</sub> 5 kA
DATA SPD TYPE	UL497B LISTED
VOLTS	(V) 6
WIRES	9W+GROUND
LINE CURRENT MAX	(A) 0.3
AMBIENT MIN	(C) -50
AMBIENT MAX	(C) +85
RESIDUAL VOLTAGE	(V) 20
MCOV	(V) 8/72/72
IMAX 8/20μs	(kA) 1
I <sub>imp</sub> 10/350μs	(kA) -
DATA SPEED	(Mbps) up to 10MHz
Installation	
Operating Temperature <sub>Min</sub>	°C -40.0000
Operating Temperature <sub>Max</sub>	°C 85.0000
Operating Temperature <sub>Min</sub>	°F -40.0000
Operating Temperature <sub>Max</sub>	°F 85.0000
Operating Relative Humidity <sub>Max</sub>	%RH 95
Operating Altitude <sub>Min</sub>	Ft 2000.0000
Operating Altitude <sub>Max</sub>	Ft 6500.0000
Housing/Enclosure material	Thermoplastic
Flammability ratingUL 94	V0
Mounting	D-Sub connector
IP Environmental ratingIP	IP20
Installation Location	Indoor
Accessories	90° Stainless steel bracket
Product DimensionL	mm 61.0000
Product DimensionW	mm 30.5000
Product DimensionL	In 2.4000
Product DimensionW	In 1.2000
Miscellaneous	
Individual Pack	Yes
Storage Temperature <sub>Min</sub>	°C -40.0000
Storage Temperature <sub>Max</sub>	°C 85.0000
Storage Temperature <sub>Min</sub>	°F -40.0000
Storage Temperature <sub>Max</sub>	°F 85.0000
Storage Relative Humidity <sub>Max</sub>	%RH 95.0000
Installation	
Cable type	Serial cable
Mechanical Characteristics	
Weight	0.063 kg
TECHNOLOGY	SAD
NETWORK CONFIGURATION	15W+G
CONNECTION METHOD	9-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

DD9-6V

Standards	
Certification	UL 497B
UL STANDARD	UL497B
UL CATEGORY	QVGQ
UL FILE NUMBER	E184939
STANDARDS	IEC 61643-21
ENVIRONMENTAL STANDARDS	ROHS
Part number	
6148	