

SPECIFICATION



SPE Series Surge Protector 12v and 24v



SPE Series Data and DC Surge Protector

Model:

Data + 12V DC

Data + 24V DC

The main function of this surge protector is to protect equipments from being damaged by lightning through single twisted pair wire or data line. The communication lines could be of RS-485 or RS-232 or RS-422 protocol. It is also built-in with DC surge protection capability.

This product is suitable to be installed at barrier gate, door access or autogate with communication lines.

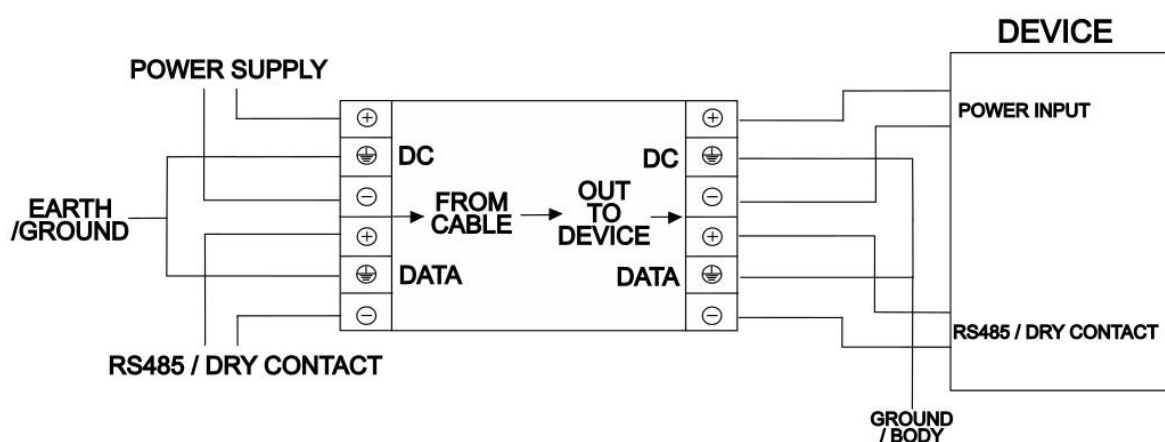
Specification

Category	Parameter	Specification
Data Line Specs	Nominal Operating Voltage (Un)	5V DC
	Life Ratings (Impulse Discharge Current @8/20μs)	Nominal 5 times = 10KA
	Life Ratings (Impulse Discharge Current @8/20μs)	Nominal Max 1 time = 15KA
	Insulation Resistance	1 ohm
	Capacitance @ 1MHz	1 pF
	Response Time	1 ns
	Data Speed	Up to 10 Mbps
	Operating Temperature Range	-40°C to +80°C
DC Voltage Specs	Nominal Operating Voltage (Un)	12VDC, 24VDC,
	Life Ratings (Impulse Discharge Current @8/20μs)	Nominal 5 times = 10KA
	Life Ratings (Impulse Discharge Current @8/20μs)	Nominal Max 1 time = 15KA
	Max Impulse Spark Over Voltage	12V = 90V, 24V = 230V
	Insulation Resistance	1 ohm
	Capacitance @ 1MHz	1 pF
	Response Time	1 ns

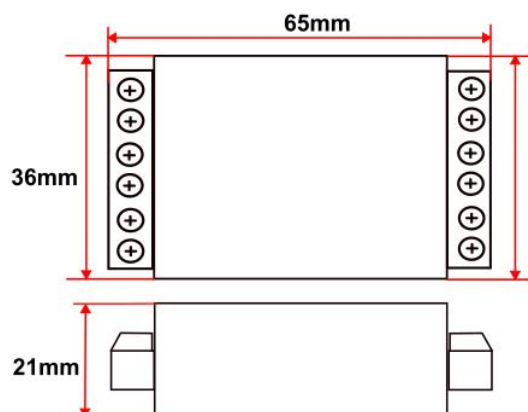
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Category	Parameter	Specification
	Operating Temperature Range	-40°C to +80°C
Physical Dimension	Dimensions (All Models, Inclusive of Connectors)	66 x 35 x 20 mm

Wiring Connection



Dimension



*Product performances is based on testing in a controlled environment. Your result may vary due to several external and environment factors.



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