

Datasheet:

AX-SRG-10G-OD



September 2020 (A0)

Introduction

AX-SRG-10G--OD is an outdoor surge protector for EtherHaul™, MultiHaul™ and MultiHaul™ TG radios. This document provides the specifications the surge protector.

[Product Overview](#)

The AX-SRG-10G-OD is a single-port PoE surge protector, wall mounted , designed for exterior applications with an IP 67 rated .

SPECIFICATIONS

Parameters		Nominal	Max
Input/output	Data Speed	-	10/100/1000Mbps & 2.5/5/10GbE
	Operating Voltage	44-57VDC	60VDC
	Operating DC current	-	1A for 2 pairs 2A for 4 pairs
	Power	-	100W
POE Surge Protection	Discharge Current	-	20KA (8/20us,2.5KA per line)
	Common Mode Protection Level(10/700us)	-	10KV
	Differential Mode Protection Level(10/700us)	-	6KV
	Differential Mode Protection Level(10/700us)	-	6KV
	Clamping Voltage (Line to GND)	-	300V
	Clamping Voltage (Line to Line)	-	10V
	Response Time	-	5ns
Environment	Operating Temperature	-	-40°C TO 65°C
	Operating Humidity	-	20 to 80%. Non-condensing
	Storage Temperature	-	-40°C TO +85°C
	Storage Humidity	-	10 to 95%. Non-condensing
Safety	CE	-	-
EMC	C61000-4-2(ESD) $\pm 6kV$ (contact), $\pm 8kV$ (air) IEC61000-4-3(RS) 10V/m(80MHz~2GHz) IEC61000-4-4(EFT) Power Port: $\pm 2kV$; Data Port: $\pm 1kV$ IEC61000-4-5(Surge) Power Port: $\pm 1kV/DM$, $\pm 2kV/CM$ IEC61000-4-6(CS) 10V(150kHz~80MHz) FCC CFR47 Part 15, EN55024, EN55032	-	-

SPECIFICATIONS			
Parameters		Nominal	Max
Immunity	IEC60068-2-6(Vibration) IEC60068-2-27(Impact) IEC60068-2-32(Free Fall)	-	-
Dimension	Length Width Height	209mm 53mm 37.5mm	-
Weight		-	380g