Product Datasheet

MPP-RJ45

RJ Modular Plug Protection

The Modular Plug Protector provides protection for twisted pair telecommunication services suitable for telephones, FAX, dial-up, ISDN and DSL modems

Image for illustrative purposes only

Specifications

Electrical Specifications

Connection type		Series
Number of lines		2 pair
Modes of protection		Transverse and Common
Maximum continuous voltage (DC)	U_c	200V
Maximum continuous voltage (AC)	U_c	140V
Maximum discharge current (8/20 µs)	I_{max}	10kA
Maximum common mode discharge current (8/20 µs)		10kA
Maximum discharge current (10/350 µs)	I_{imp}	1.25kA
Maximum common mode discharge current (10/350 µs)	I_{imp}	2.5kA
Impulse durability C2 10x8/20µs		5kA
Maximum load current	I_L	350mA
AC durability 5x1s		1A rms
Overstressed fault mode		Mode 3
Line resistance		8.2Ω
Earthing		Direct

Electrical (L-L) Specifications

Voltage protection level @ 1 kV/ µs	U_p	150V
Response time	t_A	1ps

Electrical (L-PE) Specifications

Voltage protection level @ 1 kV/ µs	U_p	350V

Mechanical Specifications

Minimum operating temperature		-40°C
Maximum operating temperature		70°C
Minimum operating humidity		5%
Maximum operating humidity		95%
Mounting method		Free Standing
Environmental rating		IP20
Enclosure material		Aluminium
Enclosure finish		Black powdercoat
Terminal type		RJ45
Length		95mm
Width		26mm
Height		26mm

Standard Specifications

IEC 61643-21	SPD connected to telecommunications and signalling networks - Cat C2, D1
AS 1768	Signalling/Telecommunications surge protection
AS/NZS 4117	Surge Protective Devices for Telecommunications Applications

Shipping Specifications

Weight		100g
Customs tariff		85363000, 85363010

Other Specifications

Product Code		MPP-RJ45

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