

## MPP-RJ12-1

## 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		1 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 $\mu$ s)	$I_{max}$	10kA
Maximum common mode discharge current (8/20 $\mu$ s)		10kA
Maximum discharge current (10/350 $\mu$ s)	$I_{imp}$	1.25kA
Maximum common mode discharge current (10/350 $\mu$ s)	$I_{imp}$	2.5kA
Impulse durability C2 10x8/20 $\mu$ s		5kA
Maximum load current	$I_L$	350mA
Line resistance		8.2 $\Omega$
Earthing		Direct

## Electrical (L-L) Specifications

Voltage protection level @ 1 kV/ $\mu$ s	$U_p$	150V
Response time	$t_A$	1ps

## Electrical (L-PE) Specifications

Voltage protection level @ 1 kV/ $\mu$ s	$U_p$	350V
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## 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		RJ12
Length		95mm
Width		26mm
Height		26mm

## Standard Specifications

IEC 61643-21	SPD connected to telecommunications and signalling networks - Cat C2
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-RJ12-1
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