

MPP-VDSL



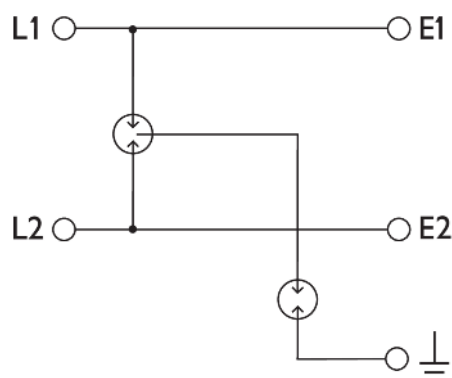
Modular plug protector VDSL

The Modular Plug Protector provides protection for twisted pair fibre to node telecommunication services, suitable for telephones, FAX, dial-up, modems connected on VDSL2

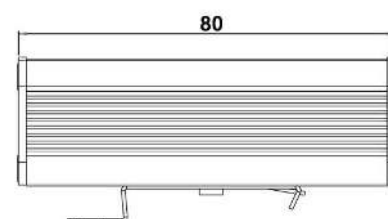
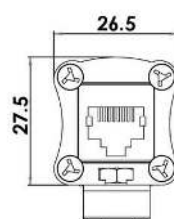
NBN compatible

The MPP-VDSL is suitable for NBN fibre node to premises copper VDSL2 connection

Wiring



Dimensions



Standards

IEC 61643-21
AS1768
AS/NZS 4117

SPD connected to telecommunications and signalling networks - Cat C2, D1
Signalling/Telecommunications surge protection
Surge Protective Devices for Telecommunications Applications

Product Datasheet

Electrical Specifications

Connection type		Series
Number of lines		1 pair
Modes of protection		Transverse & Common
Maximum continuous voltage (DC)	U_c	230V
Maximum continuous voltage (AC)	U_c	162V
Maximum discharge current (8/20 μ s)	I_{max}	5kA
Maximum common mode discharge current (8/20 μ s)		10kA
Maximum discharge current (10/350 μ s)		1kA
Maximum common mode discharge current (10/350 μ s)	I_{imp}	2kA
Impulse durability C2 10x8/20 μ s		1.5kA
Impulse durability D1 2x10/350 μ s		0.5kA
AC durability 5x1s		1Arms
Overstressed fault mode		Mode 3
Response time	t_A	<5ns
3 dB Frequency @ 150 Ω		80MHz

Electrical (L-L) Specifications

Voltage protection level @ 1 kV/ μ s	U_p	950V
Capacitance	- +	8pF

Electrical (L-PE) Specifications

Voltage protection level @ 1 kV/ μ s	U_p	770V
Voltage protection level @ 100 V/ s		440V
Capacitance	- +	8pF

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
Earthing		>400V isolation
Length		80mm
Width		27mm
Height		28mm

Other Specifications

Product Code		MPP-VDSL
--------------	---	----------

Shipping Specifications

Weight		200g
Customs tariff		85363000