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
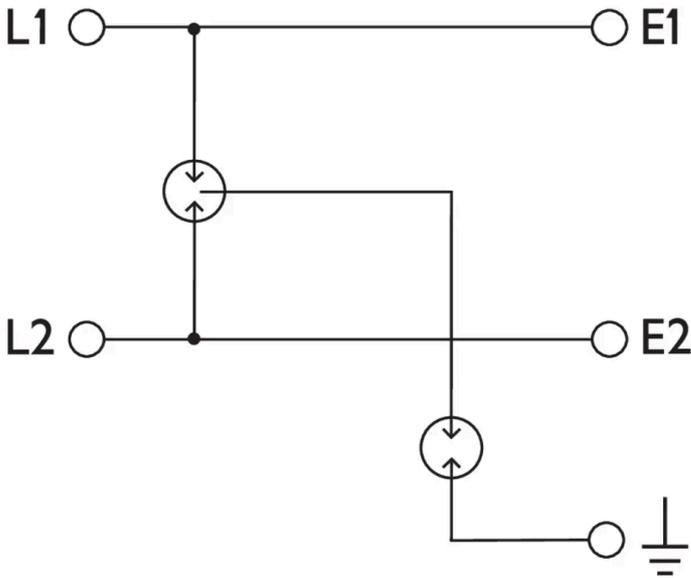
NBN compatible

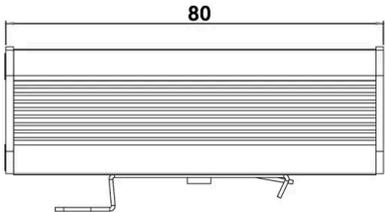The MPP-VDSL is suitable for NBN fibre node to premises copper VDSL2 connection
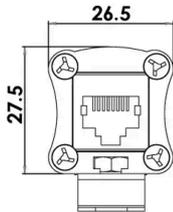

LINE

Novaris
Surge Protector

MPP-VDSL

U_c L-L 230V
U_c L-PE 460V
I_{max} 10kA

RoHS

CE

novaris.com.au

EQPT

Image for illustrative purposes only

Wiring

L1 — E1

L2 — E2

Dimensions

26.5

27.5

80

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 µs)	I_{max}	5kA
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		1.5kA
Impulse durability D1 2x10/350µs		0.5kA
AC durability 5x1s		1A rms
Overstressed fault mode		Mode 3
Response time	t_A	<25ns
Line resistance	⎍	0.1Ω
3 dB Frequency @ 150 Ω		80MHz
Earthing		>400V isolation

Electrical (L-L) Specifications

Voltage protection level @ 1 kV/ µs	U_p	950V
Capacitance	⊣⊢	8pF

Electrical (L-PE) Specifications

Voltage protection level @ 1 kV/ µs	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
Length		80mm
Width		27mm
Height		28mm

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		200g
Customs tariff		85363000, 85363010

Other Specifications

Product Code		MPP-VDSL

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