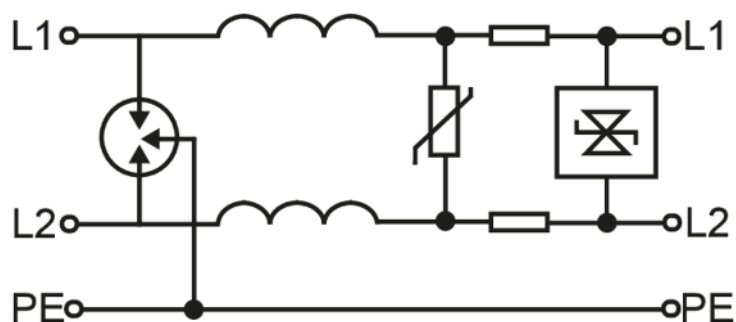


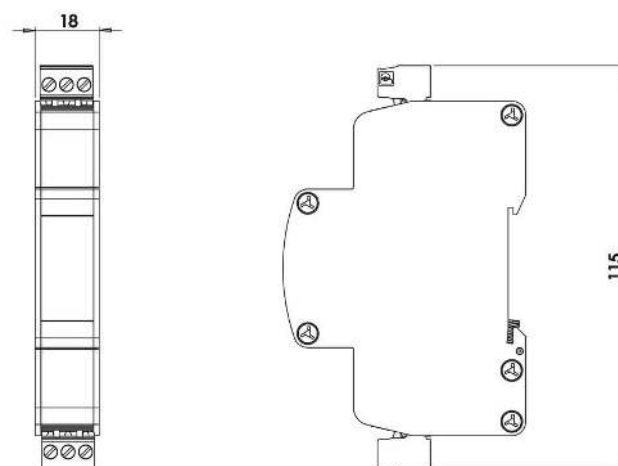
SLD1-485



Wiring



Dimensions









Standards

IEC 61643-21:2012	SPD connected to telecommunications and signalling networks - Cat C2, D1
AS/NZS 1768:2007	Signalling/Telecommunications surge protection
UL 1449 3rd edition & UL 497B	Protectors for data communications and fire-alarm circuits
ITU-T K.44: 2012	Resistibility tests for telecommunication equipment exposed to overvoltages and overcurrents
AS/CA S008:2010	Requirements for Customer Cabling Products
AS/NZS 4117:1999	Surge Protective Devices for Telecommunications Applications

Product Datasheet

Electrical Specifications

Connection type		Series
Number of lines		1 pair
Modes of protection		Transverse and Common
Maximum continuous voltage (DC)	U_c	8V
Maximum continuous voltage (AC)	U_c	6V
Maximum discharge current (8/20 μ s)	I_{max}	10kA
Maximum common mode discharge current (8/20 μ s)		20kA
Maximum discharge current (10/350 μ s)		1.25kA
Maximum common mode discharge current (10/350 μ s)	I_{imp}	2.5kA
Impulse durability C2 10x8/20 μ s		10kA
Impulse durability D1 2x10/350 μ s		2.5kA
Maximum load current	I_L	500mA
AC durability 5x1s		1Arms
Overstressed fault mode		Mode 3
Response time	t_A	<5ns
Line resistance		3.9 Ω
Line inductance		1 μ H
Insertion loss @ 150 Ω		<0.5dB @ <50MHz
3 dB Frequency @ 150 Ω		100MHz














Electrical (L-L) Specifications

Voltage protection level @ 1 kV/ μ s	U_p	19V
Voltage protection level @ 3 kA 8/20 μ s	U_p	14V
Voltage protection level @ 100 V/ s		10V
Capacitance	\pm	19pF

Electrical (L-PE) Specifications

Voltage protection level @ 1 kV/ μ s	U_p	19V
Voltage protection level @ 3 kA 8/20 μ s	U_p	14V
Voltage protection level @ 100 V/ s		10V
Capacitance	\pm	25pF

Mechanical Specifications

Minimum operating temperature		-40°C
Maximum operating temperature		70°C
Minimum operating humidity		5%
Maximum operating humidity		95%
Mounting method		TS35 DIN Rail
Environmental rating		IP20
Enclosure material		Aluminium
Enclosure finish		Black powdercoat
Terminal type		Screw cage
Terminal capacity		2.5mm ²
Terminal screw torque		0.5Nm
Earthing		Direct
Length		115mm
Width		18mm
Height		70mm

Other Specifications

Product Code  SLD1-485

Shipping Specifications

Weight  250g