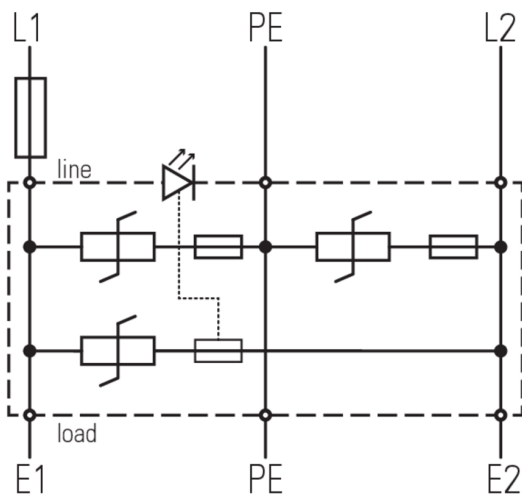


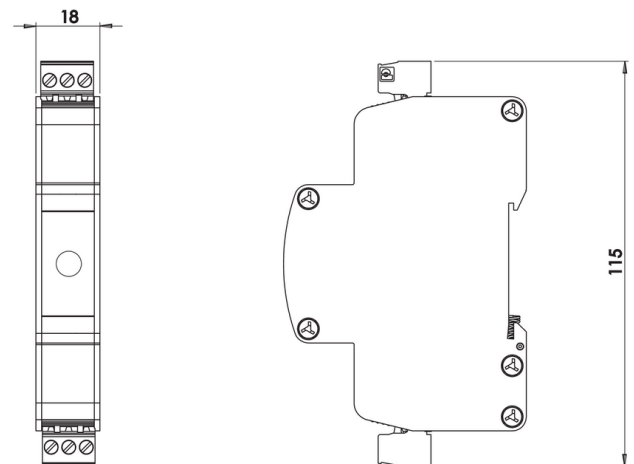
ISP2-16-10-50



Wiring



Dimensions







Standards

IEC 61643-11
AS/NZS 1768
UL 1449
IEEE 62.41.2

SPD connected to low-voltage power systems - Type 2 + 3
A.C. power system SPD - Cat C, B, A
Low voltage SPD - Type 2, Type 3
Low voltage SPD - Cat B, Cat C

Product Datasheet

Electrical Specifications

Connection type		Series
Modes of protection		L1-L2, L1-PE, L2-PE
Number of ports		2
Number of phases		2
Location		Indoor
Nominal voltage	U_0	45VAC
Short circuit withstand level	I_{SSCR}	10kA
Maximum backup fuse		16A
Earth leakage current	I_{PE}	<500 μ A


Electrical (L-L) Specifications

Maximum load current	I_L	16A
Maximum continuous voltage AC	U_C	50VAC
Maximum continuous voltage DC	U_C	70VDC
Maximum discharge current (8/20 μ s)	I_{max}	10kA
Nominal discharge current (8/20 μ s)	I_n	5kA
Voltage protection level (3kA 8/20 μ s)	U_p	<200V
Response time	t_A	<5ns














Electrical (L-PE) Specifications

Maximum continuous voltage AC	U_C	50VAC
Maximum continuous voltage DC	U_C	70VDC
Maximum discharge current (8/20 μ s)	I_{max}	10kA
Nominal discharge current (8/20 μ s)	I_n	5kA
Voltage protection level (3kA 8/20 μ s)	U_p	<200V
Response time	t_A	<5ns

Indication Specifications

Display  LED status



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 capacity - power		2.5mm ²
Terminal screw torque - power		0.5Nm
Length		115mm
Width		18mm
Height		69mm

Other Specifications

Product Code  ISP2-16-10-50

Shipping Specifications

Weight		150g
Customs tariff		85363000, 85363010