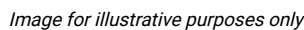


ELV Isolated Surge Diverters



All Mode Protection

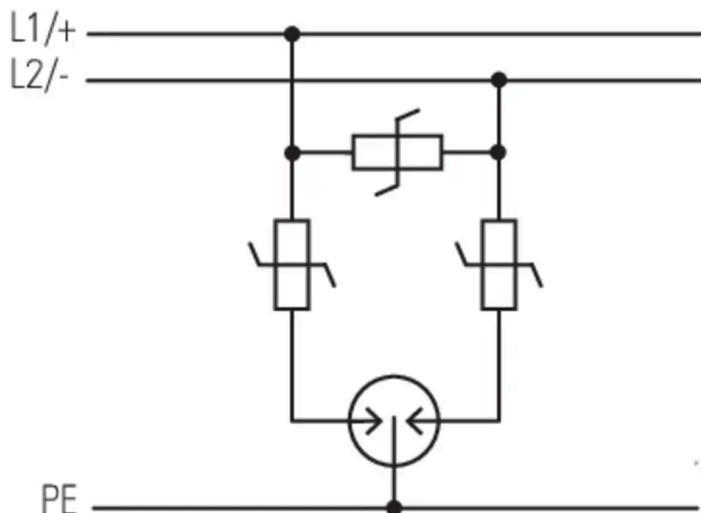
LED Display

Passive Alarm

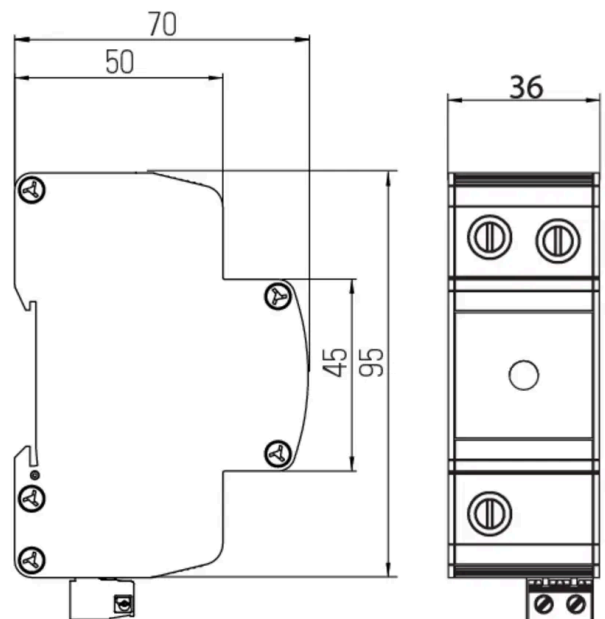
Safe Metal Enclosure

No Leakage Current

Wiring



Dimensions



Product Datasheet

Electrical Specifications

Connection type		Shunt
Modes of protection		L-L, L-PE
Number of ports		1
Location		Indoor
Nominal voltage	U_0	24VAC/DC
Maximum backup fuse		10A
Earth leakage current	I_{PE}	<10μA

Electrical (L-L) Specifications

Maximum continuous voltage AC	U_c	30VAC
Maximum continuous voltage DC	U_c	36VDC
Maximum discharge current (8/20 μs)	I_{max}	12kA
Nominal discharge current (8/20 μs)	I_n	6kA
Voltage protection level (3kA 8/20μs)	U_p	<165V
Response time	t_A	<25ns

Electrical (L-PE) Specifications

Maximum discharge current (8/20 μs)	I_{max}	6kA
Nominal discharge current (8/20 μs)	I_n	3kA
Total current		12kA
Voltage protection level @ 3 kA 8/20 μs	U_p	240V
Voltage protection level @ 1 kV/ μs	U_p	<130V
Response time	t_A	<25ns

Indication Specifications

Display		LED power and thermal failure
Alarm		Passive alarm
Alarm isolation		4kV

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		16mm²
Terminal screw torque - power		2Nm
Terminal capacity - alarms		2.5mm²
Terminal screw torque - alarms		0.5Nm
Length		95mm
Width		36mm
Height		70mm

Standard Specifications

IEC 61643-11	SPD connected to low-voltage power systems - Type 2
AS 1768	Low voltage SPD - Type 2
IEEE 62.41.2	Low voltage SPD - Cat B
UL 1449	Low voltage SPD - Type 2

Shipping Specifications

Weight		230g
Customs tariff		85363000, 85363010

Other Specifications

Product Code		IDD2-12-30
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