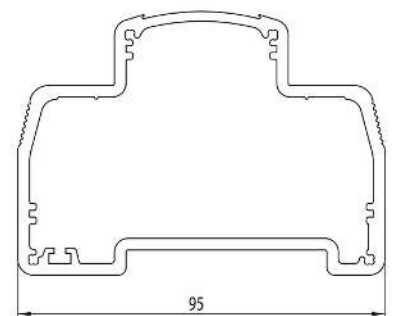
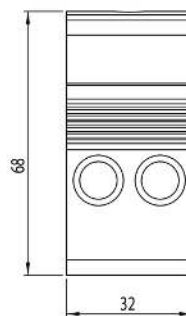
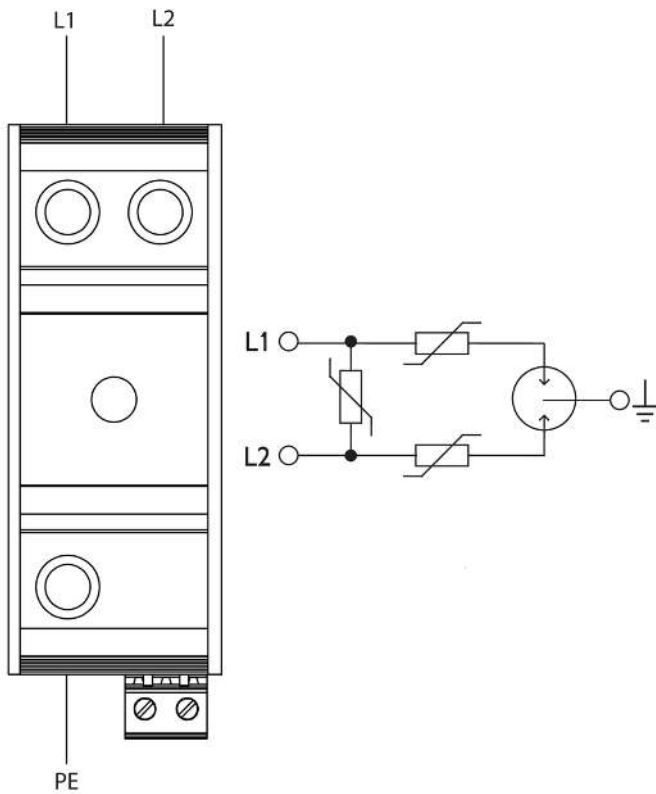


SDD2-12-14



Wiring




Dimensions



# Technical Information Sheet

## Specifications

### Electrical Specifications

Connection type		Shunt
Modes of protection		L-L, L-PE
Number of phases		2
Nominal voltage	$U_0$	12VAC
Earth leakage current	$I_{PE}$	<10 $\mu$ A




### Electrical (L-L) Specifications

Maximum continuous voltage AC	$U_c$	14VAC
Maximum continuous voltage DC	$U_c$	18VDC
Maximum discharge current (8/20 $\mu$ s)	$I_{max}$	12kA
Nominal discharge current (8/20 $\mu$ s)	$I_n$	6kA
Voltage protection level (3kA 8/20 $\mu$ s)	$U_p$	<110V
Response time	$t_A$	<5ns
















### Electrical (L-PE) Specifications

Maximum discharge current (8/20 $\mu$ s)	$I_{max}$	6kA
Nominal discharge current (8/20 $\mu$ s)	$I_n$	3kA
Total current		12kA
Voltage protection level (3kA 8/20 $\mu$ s)	$U_p$	<175V
Voltage protection level (1kV/ $\mu$ s)	$U_p$	<90V
Response time	$t_A$	<5ns

### 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		16mm <sup>2</sup>
Terminal screw torque - power		2Nm
Terminal capacity - alarms		2.5mm <sup>2</sup>
Terminal screw torque - alarms		0.5Nm
Length		95mm
Width		36mm
Height		70mm

### Other Specifications

Product Code		SDD2-12-14
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### Shipping Specifications

Weight		200g
Customs tariff		85354010