

Product Datasheet

SLD1-MPU23



Specifications

Electrical Specifications

Connection type		Series
Number of lines		1 pair
Modes of protection		Transverse, Common
Maximum continuous voltage (DC)	U_c	150V
Maximum continuous voltage (AC)	U_c	110V
Maximum discharge current (8/20 μ s)	I_{max}	10kA
Maximum common mode discharge current (8/20 μ s)		20kA
Maximum load current	I_L	2A
AC durability 5x1s		1Arms
Response time	t_A	<5ns

Mechanical Specifications

Minimum operating temperature		-40°C
Maximum operating temperature		85°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 screw torque		0.6Nm
Earthing		Direct

Electrical (L-L) Specifications

Voltage protection level @ 1 kV/ μ s	U_p	170V
Voltage protection level @ 3 kA 8/20 μ s	U_p	165V
Voltage protection level @ 100 V/ s		150V

Other Specifications

Product Code		SLD1-MPU23
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Electrical (L-PE) Specifications

Voltage protection level @ 1 kV/ μ s	U_p	350V
Voltage protection level @ 3 kA 8/20 μ s	U_p	600V
Voltage protection level @ 100 V/ s		230V

Shipping Specifications

Weight		200g
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