

Product Datasheet

Electrical Specifications

Connection type		Series
Number of lines		2
Maximum load current	I_L	20A

Electrical (L-L) Specifications

Active element	Gas Discharge Tube (GDT)	
DC spark over voltage		600V
Voltage protection level @ 1 kV/ μ s	U_p	1300V
Maximum discharge current (8/20 μ s)	I_{max}	60kA

Electrical (L-PE) Specifications

Active element	Gas Discharge Tube (GDT)	
DC spark over voltage	U_c	600V
Voltage protection level @ 1 kV/ μ s	U_p	1300V
Voltage tolerance		$\pm 20\%$
Maximum discharge current (8/20 μ s)	I_{max}	60kA
Isolation resistance		$> 10G\Omega$
Capacitance	- -	$< 10pF$

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
Length		95mm
Width		54mm
Height		70mm

Standard Specifications

IEC 61643-11	SPD connected to low-voltage power systems - Type 2,	3
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Shipping Specifications

Weight		300g
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Other Specifications

Product Code		TCP2-600-E600G
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