





Product Datasheet


Electrical Specifications

Connection type		Shunt
Modes of protection		L-N/PE
Number of ports		1
Number of phases		1
Location		Indoor
Nominal voltage	U_0	230VAC
Short circuit withstand level	I_{SCCR}	25kA
Maximum backup fuse or CB		32A
Recommended SCB		SCB1-3-80
Earth leakage current	I_{PE}	<10 μ A












Electrical (L-N) Specifications

Maximum continuous voltage AC	U_C	275VAC
Maximum discharge current (8/20 μ s)	I_{max}	50kA
Nominal discharge current (8/20 μ s)	I_n	20kA
Lightning impulse current (10/350 μ s)	I_{imp}	7.5kA
Voltage protection level (In)	U_p	<1200V
Response time	t_A	<25ns
Voltage withstand (5s)	U_T	335V

Indication Specifications

Display		Thermal failure green normal red failure
---------	---	--

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
Terminal capacity - power		35mm ²
Terminal capacity - alarms		1.5mm ²
Length		67mm
Width		18mm
Height		90mm

Standard Specifications

IEC 61643-11	SPD connected to low-voltage power systems - Type 2
AS 1768	Lightning protection - LPZ0B/1, LPZ1/2
AS3000	Electrical Installations: Wiring Rules

Shipping Specifications

Weight		140g
Customs tariff		85363000, 85363010

Other Specifications

Product Code		NSP1-50-275
--------------	---	-------------

V1 - Approved - 2026/01/20