



DSP1P-D25 240V TNS T1+T2

Class I + II Distribution Surge/Lightning Protection

Description

Highly efficient varistor lightning current arrester to be installed in low-voltage distributions at the boundary of LPZ 0_A-LPZ 1 zones and higher, to prevent overvoltage effects induced during direct or indirect lightning strikes.

It is particularly suitable for residential houses and small buildings with a low-voltage cable terminal or for secondary switchboards in large building.

Applications

- Class I & II combined protection for all sensitive electronic devices

Features

- Combined class I & II
- Compact DIN rail mount for easy install in the field
- Visual fault signalling
- Optional remote status signalling (S)
- Visual Indication of fault
- Volt-free contacts for remote indication
- 5 year no-quibble warranty

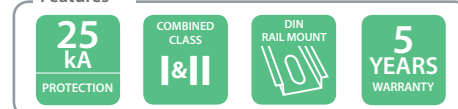


DSP1P-D25 (DIN rail mount, plastic casing)

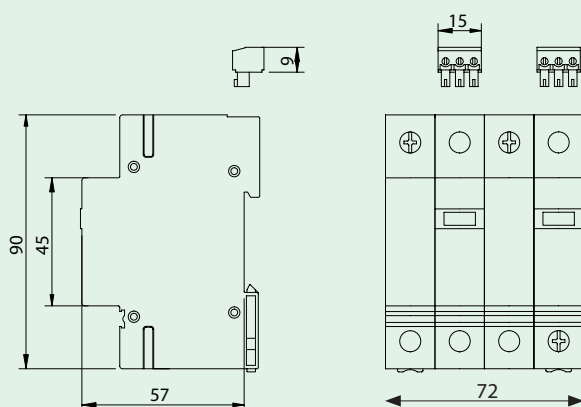
Protection against



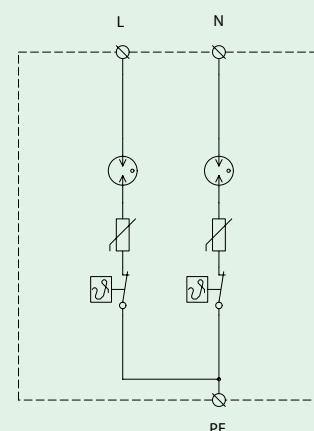
Features



DSP1P-D25
Dimension drawing



DSP1P-D25
Basic circuit diagram

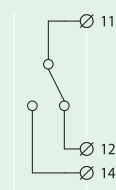


Specifications

DSP1P-D25

Nominal voltage (Power Supply System)	U_n	230 V AC
Maximum operating voltage	U_c	260 V AC
Temporary overvoltage (TOV)	U_T	400 V AC/5 s
Nominal discharge current (8/20 μ s)/pole	I_n	30 kA
Maximum discharge current (8/20 μ s)/pole	I_{max}	60 kA
Lighting impulse current (10/350 μ s)/pole	I_{imp}	25 kA
Voltage protection level	U_p	1.5 kV
Response time	t_a	100 ns
Ability to independently switch off the following current	I_{fi}	no follow through current
Short-circuit proof at maximum overcurrent protection		35 kA _{rms}
Maximum overcurrent protection		160 A gL/gG
Degree of IP protection		IP 20
Range of operating temperatures		- 40 °C to + 80 °C
Mounting on DIN rail		35 mm
Cross-section of connected conductors		
Solid min/max		ISO: 1/50 mm ² ; AWG: 17/1
Stranded min/max		ISO: 1/35 mm ² ; AWG: 17/2
Stripping length of the supply conductors		14 mm
Tightening torque		max. 4 Nm
Fault indication		red indication
Remote indication – S design		volt-free change-over contact
Remote indication contacts		250 V / 0.5 A AC, 250 V / 0.1 A DC
Cross-section of remote indication conductors		max. 1.5 mm ²
Meets the requirements of standard		EN 61643-11 + A11

DSP1P-D25
Connection of signal terminal



For more information on the Sollatek's Voltage Suppressor Range refer to the **Voltage protection catalogue** or visit www.sollatek.com

ITEM
DSP1P-D25 240V T1(25)+T2(30)

PRODUCT CODE
9M109025

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the power to protect