

PRODUCT DATA SHEET

SURGE PROTECTIVE DEVICES (SPDs)

Code: 68 10 362

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Brand Name: CoaxTron N
Application: High frequency coaxial cables

Description

Surge protective device, for coaxial cables of 50 Ω impedance, suitable for indoor and outdoor installation. It can provide protection to radio-communication and broadcasting antenna systems. It is installed as close as possible to the equipment to be protected. Additionally the surge protective device shall be connected at the same earthing point with the equipment. In case the surge current is higher than the SPD's capability, it remains short-circuited to the earthing system, providing that way, protection to the equipment until its replacement.



Protection type EN / IEC 61643–21

- C1, C2, C3

Technical characteristics

Number of Poles	1
Connector type (input – output)	N type female – N type male
Number of protected pairs	1
Signal maximum voltage	280V
Impedance, Z	50Ω
Signal frequency	DC – 2,6 GHz
Signal maximum power	300W
Insertion loss	<0,4dB
Return loss	<20dB
$I_{max, test}$, (8/20μs)	20 kA
I_n , C2 test, (8/20μs)	10 kA
U_p , C3, (at 1 kV)	<900 V
Main circuit	GDT
Response time, t_A	100 ns
Connection to network	In line
Dimensions WxHxL	25x25x60 mm
Housing material	Metal
Protection level of housing	IP20
Operating temperature, ϑ	-40°C ÷ +80°C
Relative humidity	5% ÷ 95%
Certification	CE
Conformity with	LVD 2014/35/EU
Installation only by qualified electrician	IEC 60417 – 6182

ELEMKO management systems

- ISO 9001
- ISO 14001
- ISO 45001

Country of Origin

Greece

Unit: piece / Package: 1 piece

We reserve the right to introduce changes in the component due to technical evolution.