PRODUCT DATA SHEET

Surge Protective devices

SPDs for telecom and signaling

Code: 6810213-70

Description: SPD CoaxTron BNC, code 6810213-70



Description

Surge protective device, for coaxial cables of 50 Ω impedance, suitable for indoor and outdoor installation. It can provide protection to sensitive electronic circuits and equipment such as CCTV systems, TV, VIDEO signals and generally high speed digital networks. 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.

Technical characteristics

Protection type EN / IEC 61643–21	C1, C2, C3
Number of Poles	1
Connector type (input – output)	BNC female – BNC female
Number of protected pairs	1
Signal maximum voltage	70V
Impedance, Z	50Ω
Signal frequency	DC – 2,6 GHz
Signal maximum power	40W
Insertion loss	<0,4dB
Return loss	<20dB
Imax, test, (8/20μs)	20 kA
In, C2 test, (8/20μs)	10 kA
Up, C3 (at 1kV)	<600 V
Main circuit	GDT
Response time, tA	100 ns

Connection to network	In line
Dimensions WxHxL	25x25x52 mm
Housing material	Metal
Protection level of housing	IP20
Operating temperature	-40oC ÷ +80oC
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