Silicon Surge Protection for Coaxial-Based Network Equipment

Your surveillance system is at risk to damaging surges caused by lightning and other sources. TCP Series protectors will save you camera and recording equipment repair and replacement costs. Engineered for effective safeguarding and maximized performance of your CCTV system, Transstector's TCP Series features silicon avalanche diode technology. Your sensitive equipment demands this superior protection solution provided by Transstector Systems.

TRANSTECTOR

Applications

- DVR Protection
- Satellite/Cable/Closed Circuit TV
- Communications Networks
- Cable Modem
- Other Wide Band
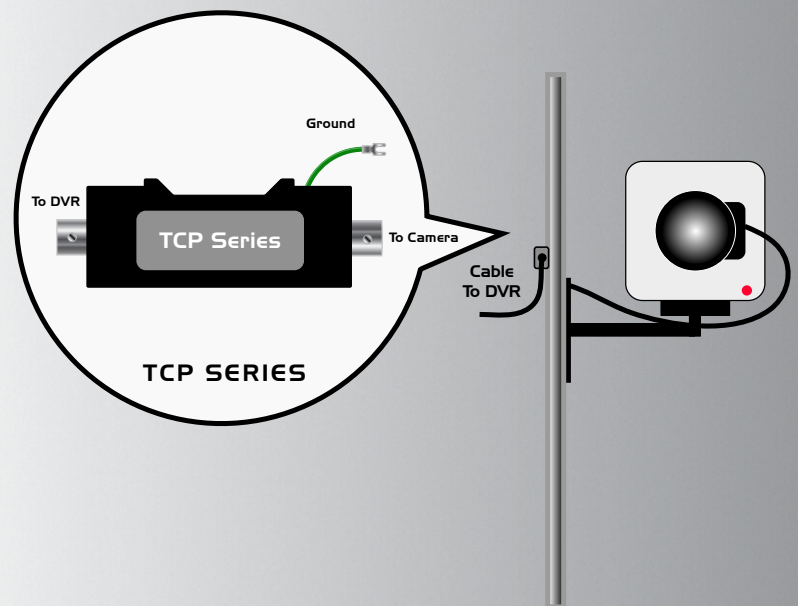
TCP SERIES

TCP Series

Protection for Coaxial-Based Network Equipment

smiths

Features

- Standard units protect both center conductor(s) and shielded circuits
- Separate grounding wire
- Plug-and-play installation
- Non-degrading silicon technology (TCP CMS uses gas tube technology)

Dimensions

2.1"H X 2.1"W X .875"D
5.4cm X 5.4cm X 2.2cm

Warranty

Five (5) year unconditional warranty
Ten (10) year manufacturer's warranty

Configurations & Specifications

Model	CMS	CCTV MF	CN BNC	CCTV FF
Application	Cable/Satellite	CCTV	CCTV	CCTV
Nominal Service Voltages	90V	12V	40V	7.5V
Surge Current Ratings*	20kA	140A	26A	132A
Connector Type	Female/Female with Male Adapter	BNC Type Male/Female	BNC Type Male/Female	Female/Female
Max. Shunt Capacitance	<30 pF			
Series Resistance	None			
Response Time (Max.)	<5 Nanoseconds			
Insertion Loss @ 40MHz	-0.5 dB			
Spec Sheet	1400-557			
Part Number	1102-001-49	1101-810	1102-001-21	1102-001-8

* Peak pulse current @ 10/1000 Waveform @ VPL

Installation Instructions

Ground wire **must** be grounded directly to the metal chassis of the equipment being protected. The equipment chassis must be connected to the earth through a properly grounded AC power receptacle.

To install, insert the TCP Series product between the incoming communication line and the I/O port of the equipment to be protected. Units should be installed at both ends of the data cable for the most secure protection.

.98 TCP Series 2.45 3.5

0.6 CCTV-MF 2.2 3.2

TRANSTECTOR

208.772.8515 800.882.9110 FAX 208.762.6133
10701 N. Airport Road, Hayden, ID 83835
www.transtector.com sales@transtector.com
An ISO 9001:2000 and 14001 Certified Company

1453-013 Rev. C