



TVSS—Surge Protection



IPC has teamed up with Ditek Corporation as our supplier and vendor for surge protection equipment. Whether the application you have is electrical, telephone, security, HVAC or utility, Ditek has a solution. Ditek offers a complete product line of over 800 different products.

In addition to the basic components used in a lightning protection system, surge protection equipment is a requirement for a complete system. Surge units are installed on the incoming electric service panel, telephone line and cable television. Surge protector units will provide protection from power surges as well as the effects of lightning strikes. Controlling these surges and excess voltages will minimize your risk and chance of damage to sensitive electronic equipment.

Following is a mere sampling of the many surge protector models for residential and light commercial applications. Normally these models are in inventory and ready for shipment upon receipt of order. For applications not covered by these models, additional information is required so that a model can be specified. The following page is a guideline to assist you. Upon receipt, we will work directly with Ditek's technical support staff for their recommendation.

Please feel free to do your own searching on the Ditek website for all of the available models. Their web address is www.ditekcorp.com. Pricing will be supplied on any model requested.



Product Manufactured by: Independent Protection Co., Inc.
Product Distributed by: Ohio Valley Lightning Protection, Inc.
520 Leeka Road, New Vienna, OH 45159
Ph: 937.987.0245 or 866.220.2952 Fax: 937.987.0248
Email: LightningBuck@aol.com
Website: www.lightning-systems.com



TVSS—Surge Protection Information Sheet

Please fill out this form and fax to Independent Protection Co., Inc. at 574-534-3719. Upon our review, we will return this form with our recommendation(s), price and delivery.

From/To: _____ Date: _____
 Customer Name: _____ Your Name: _____
 Phone No.: _____ Fax No.: _____
 Job Ref.: _____ Location: _____

INFORMATION REQUIRED FOR SURGE PROTECTION RECOMMENDATION

POWER PROTECTION

- 1) Type of structure being protected: _____
(i.e., small manufacturing facility, hospital, barn, etc.)
- 2) Panel voltage and wiring configuration: _____
(i.e., 277/480 3 phase 4 wire)
- 3) Is panel surface or flush? Surface Flush
- 4) Options wanted: _____
(i.e., Integral Disconnect, Surge Counter, Alarm, etc.)
- 5) Panel location: Inside Outside
- 6) Available Breaker, or space, in panel? Yes No
- 7) Type of equipment to protect: _____
- 8) How is equipment connected? Hardwired Plug-In
- 9) Voltage and wiring configuration of equipment: _____

LOW VOLTAGE PROTECTION

- 1) Type of system: _____
(i.e. Telephone, CCTV, Nurse Call, Computer Network)
- 2) Maximum operating voltage: _____
- 3) Maximum operating amperage: _____
- 4) Number and size of wires: _____
- 5) Method of connection: _____
(i.e. 66 Block, Amphenol, Terminal Strip, etc.)
- 6) Data speed: _____
- 7) Length of wire run _____
- 8) Will adding 9-18 OHMS affect the system? Yes No

IPC Response:

IPC recommendation, price and delivery (specification sheet follows): _____



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TVSS—Surge Protection



DTK-WH5 ★ Whole House Protection Kit

All Whole House Kits Packaged For Presentation.



Kit contains surge for AC panel, telephone and cable television.

DTK-2LVLPSCP-RUV

The DTK-2LVLPSCP-RUV is a solid state suppressor for two incoming telephone lines. It provides fully automatic, self restoring over voltage protection, as well as DITEK'S exclusive AutoSneak® over current protection.

DTK-VSP-A

The DTK-VSP-A is a solid state suppressor for incoming CATV. Provides complete protection before the service splits within the home. It can also be used in conjunction with internet services via your cable TV.

DTK-120/240HD Series II

The DTK-120/240HD Series II is a solid state, heavy duty surge suppressor for Residential and Commercial use. It can be installed at the service panel or service disconnect. The DTK-120/240HD Series II is internally fused for safety and is 125KA surge current capable.



★ Denotes normally stocked item available for shipment within 48 hours. Items not stocked are available within 14 days.



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TVSS—Surge Protection



DTK-120/240 SA (Commercial Structure) ★

Physical Specifications

Product Description: 200KA 120/240V 1(P) Arrester w/Filter

Housing	NEMA 4/4X
Color	Gray
Size	5.25 in. x 5.25 in. x 2.25 in.
Weight	1.450

Electrical Specifications

Class:	Secondary Surge Arrester, Class C
Installation Point:	Meter Base, main panel, disconnect or weatherhead
Agency Approvals:	UL-OVHX, cUL, ANSI/IEEE C.62.11
Connection Method:	Hard wired, parallel
Continuous Current:	Unlimited
Response Time:	<5 nSec
MCOV:	250VAC L - N, 500VAC L - L
Operating Frequency:	0 - 400 Hz
AC Protection Modes:	L - G, L - L
Service Voltage:	120/240VAC
Diagnostics:	Indicator lights for suppression and available ground
EMI/RFI Noise Filtering:	up to 50db 100 KHz - MHz
Max Surge Current:	200,000 Amps (8x20 usec)
Max Energy Dissipation:	2640 Joules



DTK-120/240 HD2 (Residential/Light Commercial AC) ★

Physical Specifications

Product Description: AC hard-wired transient voltage surge suppressor

Housing	NEMA 4 Waterproof
Color	Gray
Size	4.00 in. x 4.00 in. x 2.25 in.
Weight	1.300

Electrical Specifications

Class:	AC Hard-Wired Transient Voltage Surge Suppressor
Installation Point:	Electrical Panel, Equipment Disconnect
Agency Approvals:	UL 1449, cUL, ANSI/IEEE C.62.41
Connection Method:	Hard wire parallel connection
Continuous Current:	Unlimited (Parallel Installation)
Response Time:	<5 nSec
MCOV:	130VAC (L - N, L - G, N - G)
Operating Frequency:	0 - 400 Hz
AC Protection Modes:	L - N, L - G, N - G
Service Voltage:	120 / 240 Split Phase
Diagnostics:	Indicator lights - Surge Protection present
EMI/RFI Noise Filtering:	50db 100 KHz - 100 MHz
Max Surge Current:	125,000 Amps
Max Energy Dissipation:	1050 Joules
Suppressed Voltage Rating:	700V (L - L), 400V (L - G, L - N, N - G)



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