



COMMUNICATIONS SURGE PROTECTION

APPLICATIONS

	Primary Protector for Communication Circuits: Specifically designed for the demanding requirements of today's network infrastructure. Protects all four pairs with 10GbE data speeds. DTK-110C6A / DTK-110RJC6A: Available with 110-to-110 or 110-to-RJ connections DTK-110C6APOE / DTK-110RJC6APOE: Available with 110-to-110 or 110-to-RJ connections	Data Networks, POS Terminals & IP Cameras
	Versa-Module 2 Customizable Surge Protection System: Protects various combinations of low voltage signaling, data & power circuits. Compact design, single point ground. DTK-VM2W4 / DTK-VM2W8: Wall mount enclosures - 4 or 8 channels DTK-VM2R24: Rack mount enclosure - 24 channels DTK-VM2 / DTK-VM2T: Rapid-replacement modules - RJ45 or hardwired terminal connections	Head End, & Equipment Rack
	Low Voltage DIN Rail Surge Protective Devices: Robust protection for critical low voltage applications within commercial and industrial environments. Its hybrid design utilizing SAD and GDT technologies is suitable for use on both AC and DC circuits. 35mm DIN Rail mounting configuration and rapid-replacement modules for easy serviceability. DTK-DRB Series: 5V to 130V, 20A - Protects (2) circuit pairs - Shorts to ground when compromised DTK-DRF Series: 5V to 130V, 20A - Protects (2) circuit pairs - Opens circuit when compromised	Industrial Control Equipment & UL508 Control Panels
	HDMI Surge Protectors: Protects sensitive electronics from electrostatic discharges (ESD) and power surges. HDMI2.0a and HDCP2.2 compatible and supports up to 4K UHD. DTK-HDMI1: Single channel HDMI surge protector - Includes mounting bracket DTK-HDMI2: Dual channel HDMI surge protector - Includes mounting bracket	HDTV, DVD Players & Home Theater Systems
	Low Voltage Surge Protection Modules: Protects 2 pairs of low voltage circuits. Field replaceable modules with a snap-track base system for easy installation. 5V to 130V modules. DTK-2MHLP-B Series: With or without hardwired base - Shorts to ground when compromised DTK-2MHLP-F Series: With or without hardwired base - Opens circuit when compromised	Data & Signaling Circuits, 70V Speakers, 4-20mA Current Loops & Telco
	Low Voltage Line Surge Protectors: Low voltage protection in a compact, hardwired package. DTK-LVLP Series: Protect up to 4 pairs - Available from 5V to 130V - Screw terminal connections	Data Loops, Initiating & Notifying Circuits
	66 Block Snap On Surge Protectors: Quick connect modules, no bridge clips required. DTK-S Series: Digital line protection - Available in 14V, 30V, 50V & 130V DTK-SL Series: Analog line protection - Available in 30V, 50V, 95V & 130V DTK-SIGB: Universal ground bar - Single point ground for up to 25 S / SL pairs	66 Block, Digital & Analog Station Lines

UNINTERRUPTIBLE POWER SUPPLIES

APPLICATIONS

	On-Line, Double Conversion Uninterruptible Power Supplies: Combines robust surge protection with on-line double conversion technology to shield your equipment from the harshest power quality issues. Invisible transitioning between AC and battery. Intuitive LCD display. DTK-UPS1000R+ / DTK-UPS1500R+ / DTK-UPS2000R+ / DTK-UPS3000R+: 1kVA, 1.5kVA, 2kVA & 3kVA models available - SNMP card available - Easily converts from rack mount to tower	Network Servers & Mission Critical Equipment
	Line Interactive Uninterruptible Power Supplies: Embedded microprocessor guarantees exceptional reliability - USB connection for software download - Built-in boost & buck AVR. DTK-UPS600 / DTK-UPS800 / DTK-UPS1000: 600VA, 800VA & 1000VA models available	POS & Lottery Equipment, Home & Office Workstations

PLUG-IN SURGE PROTECTION

APPLICATIONS

	Line Conditioner with Surge Protection: Combines UL1283 noise filtering to ensure clean power to connected equipment, with maximum critical load surge protection. LED health status indicator for power, ground and protection status. DTK-LC2: 120V, UL 1449 Type 3 SPD - Audible alarm sounds when protection is compromised	Office Equipment & Copy Machines
	8-Outlet Plug-In Surge Protector: Protects AC power and telco/fax lines. DTK-8FF: UL 1449 Type 3 SPD - 120VAC, 15A - Accepts up to 6 transformers at the same time	Point of Use
	7-Outlet Power Strip with Load Sensing Technology: Illuminated load-status indicators. DTK-7VS: UL 1449 Type 3 SPD - 120VAC, 15A - 2-in-1 power ON/OFF rocker switch	Point of Use
	Single Outlet Surge Protectors with Retention Screw: Protects 120VAC point of use devices. DTK-1F: UL 1449 Type 3 SPD - Diagnostic LED indicates system power & SPD function DTK-1FF: UL 1449 Type 3 SPD - RJ11 telco protection with patch cord - Diagnostic LED	Point of Use



Quick Reference Guide

NETWORKING & IP VIDEO SURGE PROTECTION

APPLICATIONS

	Ethernet & PoE Surge Protectors: Up to 10GbE data speeds. 20kA/pair surge current rating. Front-accessible rapid-replacement modules. DTK-RM12NETS / DTK-RM16NETS / DTK-RM24NETS: Rack mount, 12, 16, or 24 channels DTK-WM4NETS / DTK-WM8NETS: Wall mount, 4 or 8 channels DTK-NETMS / DTK-EXTMS: Rapid-replacement Ethernet, PoE or PoE Extender protection modules TIP! DITEK's rapid-replacement modules can be interchanged to protect Ethernet, PoE and PoE Extender circuits within the same housing	Head End, & Equipment Rack (Network Switches, PoE Hubs, Midspans, Injectors, Ethernet & PoE Devices)
	Versa-Module 2 Customizable Surge Protection System: Install any combination of our VM2/VM2T rapid-replacement protection modules (sold separately) in the VM2 enclosures to protect data, signaling and low voltage power circuits from 5V to 130V. Compact design with single point ground for simple and fast installation.. DTK-VM2W4 / DTK-VM2W8: Wall mount enclosures - 4 or 8 channels DTK-VM2R24: Rack mount enclosure - 24 channels DTK-VM2 / DTK-VM2T: Rapid-replacement modules - RJ45 or hardwired terminal connections	Head End, & Equipment Rack
	Primary Protector for Communication Circuits: Specifically designed for the demanding requirements of today's network infrastructure. Protects all four pairs with 10GbE data speeds. DTK-110C6A / DTK-110RJC6A: Available with 110-to-110 or 110-to-RJ connections DTK-110C6APOE / DTK-110RJC6APOE: Available with 110-to-110 or 110-to-RJ connections	Data Networks, POS Terminals & IP Cameras
	Ethernet & PoE Surge Protectors: 10GbE data speeds & 20kA/pair surge current rating. PoE+ & HiPoE ready for high wattage applications. DTK-MRJPOEX: NEMA 4X enclosure & liquid-tight cordgrips for outdoor applications DTK-MRJETHS / DTK-MRJOES / DTK-MRJEXTS: Ethernet, PoE & PoE extender circuits	Outdoor Ethernet & PoE, Wireless Access Points
	IP Video Surge Protectors: Low impedance video/data protection with up to 10GbE data speeds. DTK-PVPIPS: Protects IP/PoE data - Additional connections for 12/24V power accessory DTK-PVP56V: Protects PoE data - Additional connections for 56V power accessory	IP-PoE Cameras, NVR's, Copper/ Fiber Composite Cable
	DTK-POC (Power Over Coax): Protects Ethernet & PoE extenders that transmit over legacy coaxial cable - PoE+ & HiPoE ready for high wattage applications	IP Cameras, DVR's
	On-Line Double Conversion Uninterruptible Power Supplies: Invisible transitioning between AC and battery. Intuitive LCD display. SNMP card available. DTK-UPS1000R+ / DTK-UPS1500R+ / DTK-UPS2000R+ / DTK-UPS3000R+: Models available in 1kVA, 1.5kVA, 2kVA & 3kVA - easily converts from rack mount to tower profile	Network Server & Other Mission Critical Equipment
	DTK-RMAC12: 120VAC Rack Mount Surge Protector 12 surge protected outlets (6 front, 6 back) - EMI/RFI noise filtering - Diagnostic LED - 15' cord	Head End & Equipment Rack

ANALOG VIDEO SURGE PROTECTION

APPLICATIONS







	DTK-RM16NM: 1U Rack Mount Analog Video Surge Protector 16 channels - Protects HD and analog circuits - ultra-low clamping - Field-replaceable modules	Head End & Equipment Rack
	HD / Analog Video Surge Protectors: Compatible with HD-CVI, HD-TVI and AHD technologies. 5 Amp, 24V circuit protects power feeds to camera, heater, blower, etc. DTK-DP4P: Protects power, video & data to PTZ camera - BNC or twisted pair DTK-PVP27B: Protects power & video to fixed cameras - BNC, twisted pair or passive Balun	External Pole Base & Junction Box
	DTK-IBNC2.8: Coaxial line protector for fixed or PTZ cameras - BNC "in-line" with 2.8V clamping DTK-IBNCHD: Coaxial line protector for HD-CCTV cameras - Protects HD-SDI circuits	Camera Housing
	DTK-GLI (Ground Loop Isolator): Prevents video distortion caused by conflicting power loads - passive device allows for two-way communication	Head End, Monitor

TIP! BE SURE TO PROTECT BOTH THE CAMERA AND THE HEAD-END EQUIPMENT!

**FIRE ALARM SURGE PROTECTION****APPLICATIONS**

	Complete Surge Protection Solution for Fire Alarm Control Panels: Visual, audible, smart. Equipped with a DTK-DF120M module to protect 120VAC system power and a 6-position mounting base to protect up to twelve pairs of SLC, IDC/PIV, NAC or dialer circuits. Low voltage protection modules are available in 5V, 12V, 24V, 36V, 48V, 75V and 130V configurations (sold separately). DTK-120X12: 120VAC surge protector with 6-position mounting base for low voltage protection DTK-DF120M: 120VAC rapid-replacement surge protection module DTK-2MHLP Modules: Low voltage surge protection modules - Each module protects 2 pairs	Fire Alarm Control Panel
	Total Surge Protection Solutions: Your best defense for protecting addressable and conventional fire alarm control panels. Low voltage surge protection modules sold separately. DTK-TSS1: Protects 120V system power & up to 10 pairs of SLC, IDV/PIV, NAC or dialer circuits DTK-TSS2: Protects 120V system power & up to 4 pairs of SLC, IDV/PIV, NAC or dialer circuits DTK-TSS6: Protects 120V system power & up to 8 pairs of SLC, IDV/PIV, NAC or dialer circuits DTK-TSS3: Protects up to 4 SLC, IDC/PIV, NAC or dialer circuits DTK-TSS4D: Protects 120V system power - UL Listed NEMA 4X enclosure *Mix & match DTK-2MHLP-B/F modules to create a Total Surge Solution	Alarm or Control Panel NAC Boosters Building-Building
	Low Voltage Surge Protection Modules: Protects 2 pairs of SLC, IDC/PIV, NAC or dialer circuits. Field replaceable modules with a snap-track base system for easy installation. 5V to 130V modules. DTK-2MHLP-B Series: With or without hardwired base - Shorts to ground when compromised DTK-2MHLP-F Series: With or without hardwired base - Opens circuit when compromised	Low Voltage Loop Circuits
	Deflector Series Surge Protective Devices: Patented design provides maximum protection for single phase critical loads. Series connected device with dry contacts and audible alarm. DTK-DF120S1: 120VAC, 20A - 50kA surge current rating DTK-DF240S1: 240VAC, 20A - 50kA surge current rating	Fire Alarm Panel, Control Panel, POS Devices & Lottery Machines
	Parallel Surge Protective Devices: Designed to meet the standards of the life safety industry. DTK-120HW: 120V, 20A, UL 1449 Type 1 SPD DTK-120HWLOK: 120V, 20A, UL 1449 Type 1 SPD with lockout kit	Branch Panel (at Breaker)
	Dialer Circuit Surge Protector: Point of use protection installs in series with the circuit. DTK-MRJ31XSCPWP: RJ31X connection with external grounding screw - Includes patch cord	Alarm or Control Panel
	Fire Alarm System Surge Protection Kit: Protection for 120V AC Power and 2 dialer circuits DTK-FPK1: Includes DTK-120HW (1) & DTK-MRJ31XSCPWP (2) DTK-FPK2: Includes DTK-120SRD (1) & DTK-MRJ31XSCPWP (2)	Fire Alarm Control Panel


ACCESS CONTROL & INTRUSION SURGE PROTECTION**APPLICATIONS**

	Series Connected Surge Protective Device: Load removal feature disconnects equipment if compromised. EMI/RFI filtering ensures clean power to equipment. Diagnostic LEDs. DTK-120SLR: 120VAC, 20A - 50kA surge current rating	Gate Motors & 120VAC Single Phase Critical Loads
	Card Reader Surge Protectors: Protects 4 pairs of power/data circuits. Single point ground. DTK-4LVLPX: 4 pairs, 12-14V - Wiegand-type card reader protection DTK-4LVLPCR: 4 pairs, protection for 12V or 24V power, Data, & LED	Wiegand Reader & Card Readers
	Telephone Entry Surge Protectors: Protects power supply, telephone line and data/release circuits. Single point ground for all protected circuits. DTK-4LVTEP: 4 pairs, 12V/24V - Designed to protect commercial gate entry systems DTK-4LVXR: 4 pairs, 12V or 24V - Designed to protect residential gate entry systems	Commercial Gate & Residential Gate
	Electric Door Strike Surge Protectors: Sold as a pair to protect both ends of the circuit DTK-ESS: 24V protection - Parallel installation does not impede operation of mag locks	Mag Locks & Electric Door Strikes
	Ethernet & PoE Surge Protectors: Up to 10GbE data speeds and 20kA/pair surge current rating. Compatible with CAT5e, CAT6 and CAT6A cabling infrastructure. DTK-MRJETHS: Protects sensitive 5V Ethernet circuits - Hybrid design for optimal protection DTK-MRJPOES: PoE+ & HiPoE ready - Complies with all IEEE Power over Ethernet standards	Ethernet Devices, PoE Devices & Access Control
	Security Control Panel Surge Protection Kit: Protection for alarm transformer and dialer circuit. DTK-APK1: Includes DTK-1F (1) & DTK-MRJ31XSCPWP (1)	Control Panel & Dialer

**AC POWER SURGE PROTECTION****APPLICATIONS**

	ZEUS Non-Modular Surge Protective Devices: Designed to provide protection for AC power systems in the most demanding environments. Each model incorporates individually fused components for maximum performance and protection. Available in a wide range of voltage configurations, the ZEUS series is an excellent choice for electrical system surge protection. UL 1449 Type 1 SPD. D50 Series: 50kA/Phase, 25kA/Mode - For electrical panels rated at 200A or less D100 Series: 100kA/Phase, 50kA/Mode - For electrical panels rated at 200A - 600A D200 Series: 200kA/Phase, 100kA/Mode - For electrical panels rated at 600A & up	 Small Disconnects & Service Panels Branch Panels & Distribution Panels Service Entrance & Branch Panels
	ZEUS Modular Surge Protective Devices: Professional-grade protection for AC power systems. Designed to meet new construction bid/spec requirements, each model provides a high surge current rating for long service life, and includes service assurance features to support proactive operational management. Replaceable SPD module. UL96A Lightning Protection Compliant. D200M Series: 200kA/Phase, 100kA/Mode, UL 1449 Type 1 SPD D200MT Series: 200kA/Phase, 100kA/Mode, UL 1449 Type 1 SPD - Includes integral disconnect D300M Series: 300kA/Phase, 150kA/Mode, UL 1449 Type 1 SPD D300MT Series: 300kA/Phase, 150kA/Mode, UL 1449 Type 1 SPD - Includes integral disconnect	 Service Entrance & Branch Panels
	Single, Split & Three Phase Surge Protective Devices: Durable, cost-effective protection, with parallel connections for easy installation. NEMA 4X enclosure for harsh environments and diagnostic LEDs make these devices suitable for use in a variety of locations. DTK-2403CMXPLUS: 208/240V Three Phase Delta, UL 1449 Type 1 SPD - 75kA DTK-4803CMXPLUS: 480V Three Phase Delta, UL 1449 Type 1 SPD - 75kA DTK-6003CMXPLUS: 600V Three Phase Delta, UL 1449 Type 1 SPD - 75kA	Equipment Panels & FACP HVAC, Pumps, Motors, Highway Lighting Electric Panels & Control Panels
	DTK-120HW: 120V, 20A single phase, UL 1449 Type 1 SPD DTK-120HWLOK: 120V, 20A single phase, UL 1449 Type 1 SPD with lockout kit DTK-120/240HW: 120/240V, 20A split phase, UL 1449 Type 1 SPD DTK-240HW: 240V, 20A single phase, UL 1449 Type 1 SPD DTK-120/240CM+: 120/240V split phase, UL 1449 Type 1 SPD, 50kA DTK-240/480CM+: 240/480V split phase, UL 1449 Type 1 SPD, 50kA	
	Deflector Series Surge Protective Devices: Visual, audible, smart. DITEK's Deflector Series sets a new standard for 120VAC Power protection. Its patented design provides maximum critical load protection by minimizing AC supply voltage spikes and isolating incoming surges that originate from lightning or other sources. Rapid-replacement modules for ease of installation, dry contacts for remote monitoring, and audible alarm sounds when protection is compromised. DTK-DF120S1: 120V, 20A single phase, UL 1449 Type 2 SPD - 50kA - Series connected DTK-DF240S1: 240V, 20A single phase, UL 1449 Type 2 SPD - 50kA - Series connected DTK-DF120S12: (12) Circuit, 120V, 20A, UL 1449 Type 2 SPD - 50kA - Series connected DTK-DF240S12: (12) Circuit, 240V, 20A, UL 1449 Type 2 SPD - 50kA - Series connected	Electronic Fueling Equipment, POS Devices, Lottery Machines & FACP
	DIN Rail Surge Protective Devices: Powerful, point-of-use protection designed to guard against the harmful effects of transient power surges caused by direct or indirect lightning, power company grid switching and inductive load switching. Ideal for machine control panels and similar critical applications within commercial and industrial environments. Compact, modular design, available in multiple voltage and pole configurations. UL1449 Recognized/CE. DTK-DR Series: 75kA/Phase - Rapid-replacement modules - End of life indicators	Industrial Control Equipment & UL508 Control Panels

WHOLE HOUSE SURGE PROTECTION**APPLICATIONS**

	Residential Surge Protective Devices: Designed to protect 120/240V split phase residential electrical panels. NEMA 4X weatherproof enclosure allows for use in harsh environments, and diagnostic LED provides visual indication of system power and SPD function. NEC 2020, Article 230.67 compliant. DTK-120/240HD2: 100kA/phase, 50kA/mode, UL 1449 Type 1 SPD - 1/2" NPT non-metallic conduit - Includes 5 year, \$25,000 connected equipment warranty DTK-120/240HD: 50kA/phase, 25kA/mode, UL 1449 Type 1 SPD - 1/2" NPT non-metallic conduit - Includes 5 year, \$10,000 connected equipment warranty DTK-120/240XD: 50kA/phase, 25kA/mode, UL 1449 Type 1 SPD - 3/4" NPT fitting - Includes 5 year, \$10,000 connected equipment warranty	Residential Electrical Panels, HVAC & Pool Controls
---	--	---