

# DTK-TSS5

Total Surge Solution for Access Control Systems



**DITEK's Total Surge Solution (TSS)** is a range of products that provide total surge protection for addressable and conventional alarm systems.

The DTK-TSS5 is equipped with the DTK-120SRD 120VAC surge protector and two DTK-110RJC6APOE network surge protectors, the TSS5 provides a total surge solution for your access control system.

## Product Features

- 120V AC power surge protection with dry contacts for remote monitoring of surge protection status
- Includes two primary protectors for network communication circuits
- Complete protection for your access control system

## Applications

- Access Control Panels

## Technical Specifications

Equipped with:	
<b>DTK-120SRD</b>	120VAC Surge Protector See Technical Specifications Below
<b>DTK-110RJC6APOE</b>	10 Gigabit Ethernet Surge Protector See Technical Specifications Below
<b>100-640</b>	Ground Bar Kit for Grounding See 100-640 Datasheet

## Mechanical Characteristics

<b>Enclosure:</b>	NEMA 1, 12 Steel Enclosure (IP20) UL Listed Industrial Control Panel Enclosure with latching cover UL94 Flammability Rating
<b>Operating Temperature:</b>	-40°F - 175°F (-40°C - 80°C)
<b>Maximum Humidity:</b>	95% non-condensing
<b>Dimensions:</b>	12"L x 4"W x 12"H 305mm x 102mm x 305mm
<b>Weight:</b>	5 lb. (2.5kg)

## Quality, Standards & Approval

<b>Agency Approvals:</b>	UL1449, UL1283 for DTK-120SRD UL497/UL497B for DTK-110RJC6APOE
<b>Standards Compliance:</b>	IEEE C62.41.1 -2, IEEE C62.45
<b>Warranty:</b>	Ten Year Limited Warranty

Technical Specifications*	DTK-120SRD	DTK-110RJC6APOE
<b>Service Voltage:</b>	120VAC	48V
<b>MCOV:</b>	150 VAC	64V
<b>Clamping Voltage:</b>		72V
<b>Voltage Protection Rating:</b>	600VAC	
<b>Protection Modes:</b>	All Modes	L - G
<b>Surge Current Rating:</b>	54,000 Amps per phase	30A /pair (10/1000 μs)
<b>Max Continuous Current:</b>	20 Amps	0.4A/pair

\* See individual data sheets for complete Specifications

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