

# POWER MONITORING & PROTECTION

## 54KA SERIES CONNECTED SURGE PROTECTOR WITH DRY CONTACTS DTK-120SRD, DTK-TSS4D



### DESCRIPTION

The Ditek 54kA Series connected surge protectors with dry contacts protects 120V power on electrical circuits and control panels and has Dry Contacts for remote notification of surge protection status. The hybrid series design provides maximum critical load protection, with EMI/RFI filtering. The **DTK-120SRD** is ideal for use in UL listed control panels where a UL Recognized component is required. LED indicates the protection status. **DTK-TSS4D** is ideal for use when a UL Listed SPD is required.

**NEW!**



### FEATURES

- Series design for fast response and best protection
- Multi-stage hybrid circuit design
- Suitable for use on circuit breakers rated at 10kA AIC
- UL 1449 & 1283 EMI/RFI filtering
- Form C Dry Contact circuit for remote monitoring
- DTK-TSS4D only in NEMA 4X weatherproof enclosure
- 10 Year limited warranty



POWER MONITORING & PROTECTION

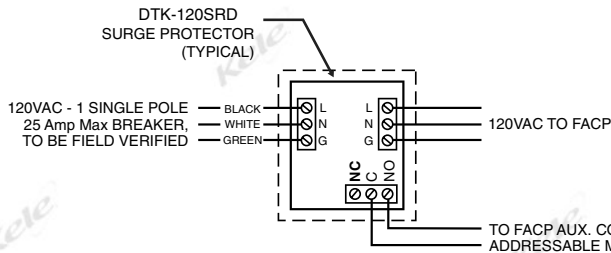
15

### SPECIFICATIONS

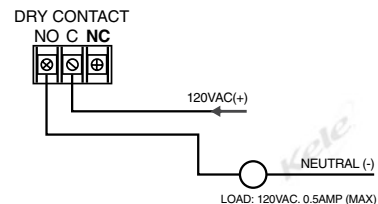
<b>Supply Voltage</b>	120VAC	<b>Operating Temperature</b>	-40° to 185°F (-40° to 85°C)
<b>Maximum Continuous Operating Voltage</b>	150VAC	<b>Enclosure Rating</b>	
<b>Short Circuit Current Rating</b>	10kA	<b>DTK-120SRD</b>	NEMA 1, ABS
<b>Nominal Discharge Current Rating</b>	3kA	<b>DTK-TSS4D</b>	NEMA 4X, Polycarbonate
<b>Maximum Continuous Current</b>	20A	<b>Dimensions</b>	
<b>Peak Surge Current</b>	54,000 Amps	<b>DTK-120SRD</b>	6.87" W x 3.50" H x 2.50" D (17.45 x 8.89 x 6.35 cm)
<b>Operating Frequency</b>	40 - 400 Hz	<b>DTK-TSS4D</b>	9.50" W x 6.25" H x 3.63" D (24.1 x 15.9 x 9.2 cm)
<b>Temperature Range</b>	32 to 104°F (0 to 40°C)	<b>Weight</b>	
<b>Protection</b>		<b>DTK-120SRD</b>	0.76 lb (0.34 Kg)
<b>DTK-120SRD</b>	Type 2 component assembly	<b>DTK-TSS4D</b>	1.85 lb (0.84 Kg)
<b>DTK-TSS4D</b>	Type 2 SPD	<b>Approvals</b>	UL 1283, UL 1449. UL File #E328921
		<b>Warranty</b>	10 year limited

### WIRING

#### EXAMPLE REMOTE MONITORING USING FACP FOR NOTIFICATION



#### EXAMPLE MONITORING CIRCUIT



### ORDERING INFORMATION

MODEL	DESCRIPTION
<b>DTK120-SRD</b>	120V surge protector, dry contacts, hybrid design, ABS housing
<b>DTK-TSS4D</b>	120V surge protector, dry contacts, hybrid design, NEMA 4X

**NEW!**