# DTK-DF120S12

12 Circuit Surge Protective Device



**DITEK's Deflector Series DTK-DF120S12** sets a new standard for multi-circuit 120Vac power surge 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. Each DF Series module features an LED health status indicator that flashes and sounds an audible alarm when protection has been compromised, and the device's wall-mount enclosure includes dry contacts for remote notification when service is required.

## PRODUCT FEATURES

- Protects up to twelve (12) 120Vac single phase critical loads
- Rapid-Replacement modules for ease of installation
- Audible alarm sounds when protection is compromised or module is removed
- Form C dry contacts for remote notification when service is required
- Separate LED indicators for system power, ground presence and protection status

## APPLICATIONS

- Electronic Fueling Equipment
- POS Devices
- Home Automation Systems

## ACCESORIES

- 120vac replacement module P/N DTK-DF120M

| TECHNICAL SPECIFICATIONS | |
|---|---|
| Service Voltage: | 120Vac Single Φ |
| MCOV: | 150V |
| Max. Continuous Current: | 20 amps |
| Surge Current Rating: | 50,000A |
| Nominal Discharge Current Rating ($I_n$): | 10kA |
| Short Circuit Current Rating (SCCR): | 10,000A |
| Voltage Protection Rating (VPR): | 700V Line-Ground 1200V Neutral-Ground<br>700V Line-Neutral |
| EMI/RFI Filtering Attenuation: | Up to -35dB, 100kHz – 100MHz |
| Status Indication: | LEDs, Audible alarm (80dB @ 1ft)<br>Form C dry contacts |

**DITEK Surge Protection, Largo, FL 33771 • Sales: 800-753-2345**
**Diteksurgeprotection.com • SPS-100095-003 Rev 3 05/26**

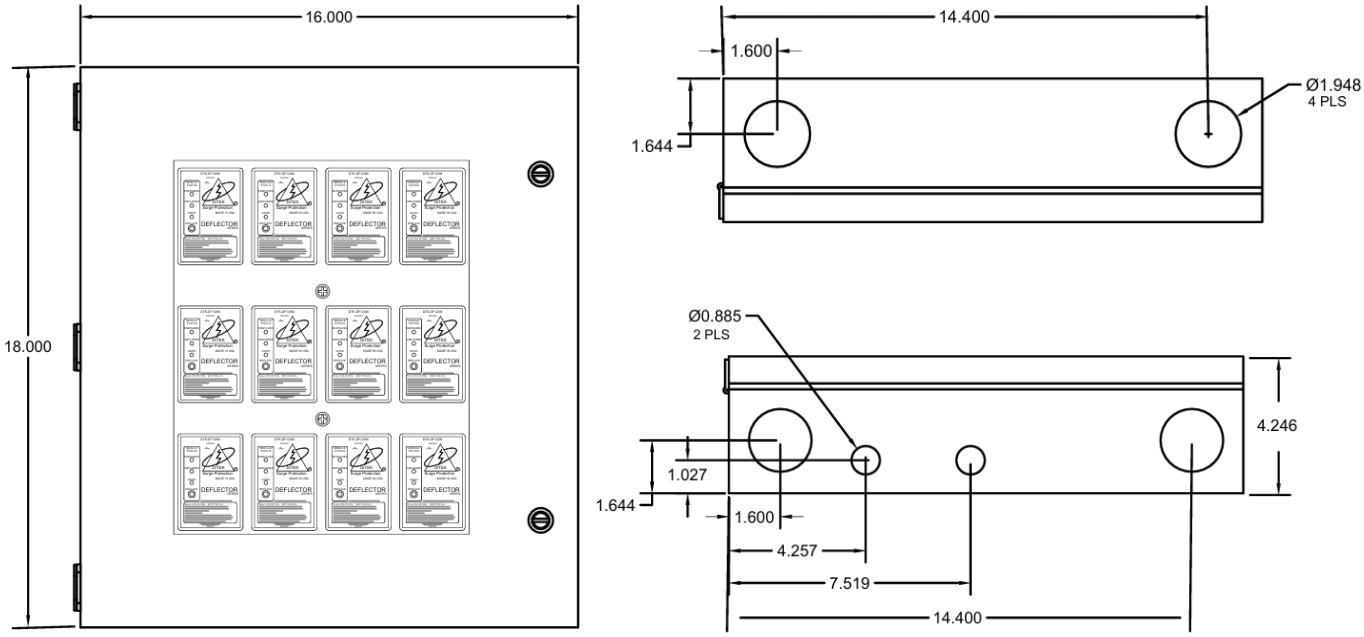
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# DTK-DF120S12

12 Circuit Surge Protective Device




| MECHANICAL SPECIFICATIONS | |
|---|---|
| Connection Method: | Mechanical lugs 12 AWG<br>Up to (12) circuits wired in series |
| Housing: | NEMA 12 steel |
| Operating Temperature: | -13°F – 140°F (-25°C – 60°C) |
| Maximum Humidity: | 95% non-condensing |
| Dimensions: | 18 in. L x 16 in. W x 4.25 in. H<br>(457 mm x 406 mm x 108 mm) |
| Weight: | 25.05 lbs. (11.36kg) |

| SAFETY STANDARDS AND CERTIFICATIONS | |
|---|---|
| Certifications: | UL 1449 4th Edition Type 2 SPD<br>UL 1283<br>CSA C22.2 No. 269.2-17, 2017-02 Type 2 SPD |
| Standards Compliance: | RoHS |
| Warranty: | 10 Year Limited Warranty |

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