The Times Protect LP-DCX-W-48V-27A-20 is a high performance, DC surge protection device ideally suited for protecting DC powered remote radio heads (RRH). By installing the LP-DCX unit at both the top and the bottom of the tower, the RRH and ground based electronics are suitably protected. The multi strike design is fully weatherized to IP-68 and provides by far the lowest surge energy and voltage throughput compared to any available alternate protective device. The LP-DCX-W-48V-27A-20 accommodates 48VDC and a maximum DC operating current of 27 amps. It will handle multiple strikes of 20kA 8x20us surge current discharge and with a maximum throughput voltage of 100Vpeak during full surge current.

Specifications:

**Electrical:**
- Nominal Operating Voltage: -48VDC
- Maximum Operating Voltage: -60VDC
- Maximum Operating Current: 27ADC
- Nominal Power: 1300W
- Maximum Leakage Current: 45uA
- Surge Test Method: IEC 61000-4-5
- Surge Discharge Current: 20kA, 8/20us. >10 strikes
- Maximum Let Through Voltage: 100V
- Protection Modes: 1) line-return, 2) return-ground, 3) line-ground

**Mechanical:**
- Dimensions: 7.4” x 8.3” x 5.5”
- Weight: 3.0 lb.
- Cable Grips: DC, 2 each 1” dia max
- Ground: 1 each 3/8” dia max

**Environmental:**
- Operating Temperature: -40° - +85° C
- Relative Humidity: 0 to 95% condensing
- Weatherization: IP68
- Wire Size: STO 3C 10AWG
Times-Protect®

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