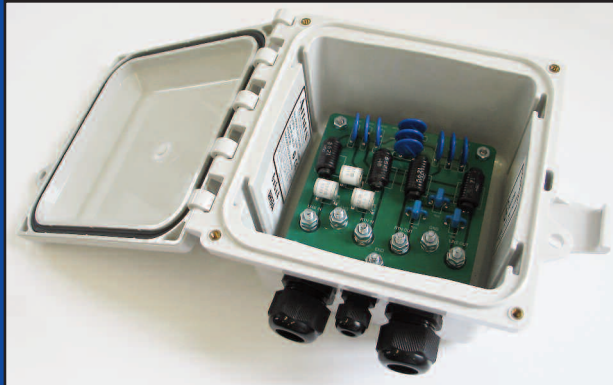


LP-DCX-W-48V-27A-20 DC Over Voltage Protection

- Multi stage design for lowest surge voltage and energy throughput
- Polycarbonate enclosure
- IP-68 weatherized housing
- Multi strike capability
- Best protection for cell site remote radio heads
- Hinged cover for easy access
- Patent pending design



Lightning and Surge Protection for The 21st Century[™]

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

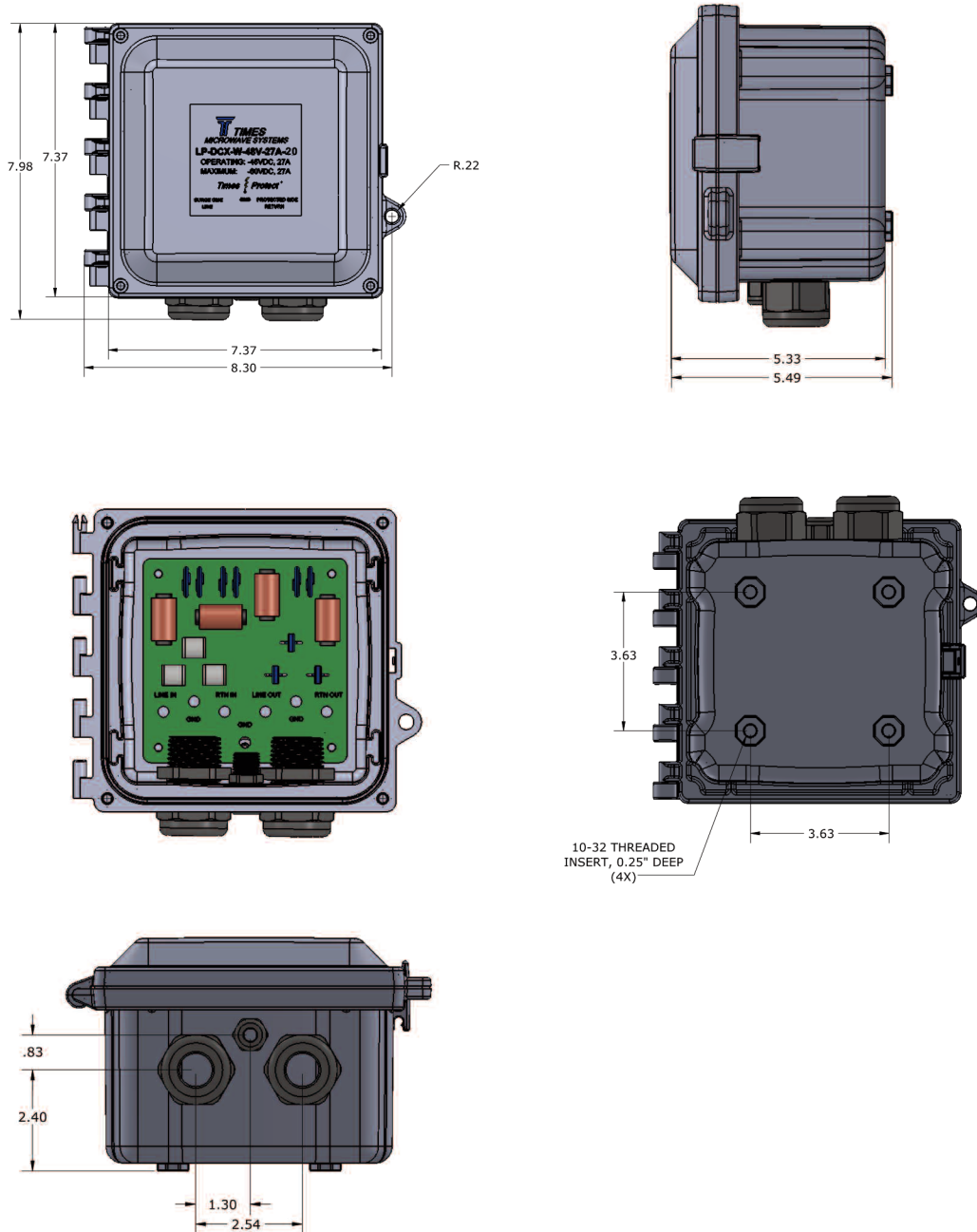
Mechanical:

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

LP-DCX-W-48V-27A-20



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