

# SHELTER DISTRIBUTION BOX (SDB)

MODEL 610-5001-1499



UNITED ELECTRONICS CORPORATION

**Connecting Those Protecting Our Freedom...**

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# SHELTER DISTRIBUTION BOX (SDB)

## MODEL 610-5001-1499



### SDB

The new UEC model 610-5001-1499 pole mounted shelter distribution box (SDB) provides safe and reliable power distribution. The SDB has a 60-amp, 208-volt, 3-phase inlet with a 60-amp, 208-volt, and 3-phase feed-through outlet. The three-phase power is broken into (8) 120-volt, 1-phase, 20 and 10-amp branch circuits, protected with hydraulic magnetic circuit-breakers within the box. There are (2) 20-amp GFCI duplex receptacles, (4) 20-amp 2P/3W 125V Mil-Style receptacle connectors, and (2) 15-amp 125V 2P/3W Mil-Style receptacle connector light circuits protected at 10-amperes. The two light circuits are controlled via (2) one for each circuit single pole toggle switches. Every circuit has an amber power indication light for easy user interface.

The UEC SDB is an upgrade to the pole mounted Type III utility box NSN 6110-01-251-0402 with an integrated multi-meter. The multi-meter reads phase to phase voltage, line to neutral (single phase), average voltage, current per phase and phase to neutral and average current. Also reads 50 or 60 hertz and has a counter for time unit has been operating. This multi-meter allows the user to monitor the power quality from the power supply without leaving the shelter area and also ensures load balance across the three phases. This SDB is also available with 100-amp inlet, outlet.

### Additional features and added benefits listed below:

#### Electrical Features:

- Hydraulic-Magnetic circuit breakers to reduce nuisance trips.
- Pilot light indicates if power is on or off for easy user interface.
- AC power monitoring from inside the shelter and allows manual load balancing.
- Durable spring return receptacle, breaker and meter covers.

#### Body Construction:

- Lightweight compact design (60-amp unit) 18 lbs.
- Tough high impact, weather resistant, non-corrosive rubber enclosure.
- Dimensions for most models are 10.5"H x 10.5"W x 7.5"L.
- Clear polycarbonate gasket meter and breaker covers for easy user interface.



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