

# TESCO Service Pedestal Model 24-200 Dual Meter



TESCOFLEX Low-profile, underground service distribution and control pedestals have become the standard for state, county, municipal, highway, and public works departments.

TESCOFLEX pedestals are constructed with the highest grade of material, whether it's our standard 12 gauge hot dipped galvanized steel, optional stainless steel or anodized aluminum. Our coatings will withstand the most stringent testing applied to outdoor enclosures and meet or exceed state specifications. Our wide range of sizes and options allow for maximum utilization of your space.

TESCOFLEX service pedestals have been widely accepted by the Utility Industry and are in use today for many applications such as street lighting, park lighting, tennis court lighting, irrigation and pump stations.



## FEATURES

- Small, low-profile, and attractive with no exposed fasteners.
- Available in both unmetred and metred up to 200 amps.
- Fabricated from hot dipped galvanized sheet steel.
- Also available in stainless steel or anodized aluminum.
- Cabinets shall bear a UL508 label.
- UL approved copper cable bussing and control wiring.
- Oven baked polyurethane powder coated finish for lasting durability.
- Each cabinet is factory wired and tested before shipment.
- Durable All-welded construction
- Meets EUSERC requirements.

Tesco Controls Inc.  
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Sacramento, CA, 95823

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<http://www.tescocontrols.com>

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# Tesco Service Pedestal

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### Cabinet & Power Specifications for Model 24-200 Type III AF

#### Cabinet Fabrication:

- Maximum external dimensions: 36" Wide x 60" High x 18.5" Deep. Minimum opening to control section 21.75"W x 35.75"H.
- Cabinet shall be fabricated from 12 gauge hot dipped galvanized steel, 1/8" anodized aluminum, or 304D stainless steel.
- Internal parts shall be fabricated from 14 gauge cold rolled steel.
- Cabinet shall be all welded construction with welding materials specifically designed for the material used.
- All fasteners, latches, and hardware shall be of stainless steel and all hinges shall be continuous piano style.
- There shall be no exposed nuts, bolts, screws, rivets, or other fasteners on the exterior.
- Cabinet shall have an enclosed pull section.
- Removable backpack shall be mounted on 4 welded 1/4" studs. Cabinet doors shall have a 3 point padlockable latch system.
- Cabinets shall have fully framed side hinged outer doors with top drip lip and closed cell neoprene flange compressed gaskets.

#### Deadfront Safety Door:

- Distribution and control panel shall have a hinged deadfront panel with 1/4 turn latch and knurled knobs.
- Deadfront shall be hinged on the same side as the front door and shall open a minimum of 120°.

#### Power Distribution Panel:

- Main breakers shall be 1 pole, 2 pole, 3 pole, or 4 pole.
- Provide separate metered main, lighting main & disconnects as required.
- There shall be no plug-in circuit breakers.
- All circuit breakers shall be installed in a vertical position, handle up for "On", handle down for "Off".
- Circuit breakers shall be industrial grade, Cutler-Hammer Quicklag C or equal.
- All bussing shall be U.L. approved copper THHN cable bussing, fully rated.

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### Control Compartment:

- All components shall match existing components in use for maintenance of spare parts and known reliability.
- The cabinet shall be completely prewired in the factory.
- Wiring will be to NEMA IIB standards showing connections to external equipment.
- All control wiring is 19 strand #14 AWG THHN. + All terminals shall be permanently labeled.

### Nameplates and Drawings:

- The function of all circuit breakers, switches and other components as required shall be identified by laminated engraved plastic nameplates fastened with minimum of two 1/4", #4-40 machine screws.
- Wiring schematics shall be Computer Aided Drafting and include all external equipment and connections per NEMA IIB.
- As built factory drawings shall be enclosed in clear plastic and held inside the outer door by welded hooks.

### Model 24-200 Dual Meter Type IIIAF Options

- 100 or 200 Amp Meter
- Test By-pass
- Maximum Forty (40) - 1" Poles (Includes Main Circuit Breaker)
- Metered and Unmetered
- Copper Interior
- P.E. Socket
- Lighting Contactors
- Flashing Beacon Controls
- Time Clocks
- Time Delays
- Transformers
- Test Switches

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