



TESCO Service Pedestal

Model 27-100

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

TESCOFLEX Pedestals are constructed of 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 allows 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 and attractive with no exposed fasteners.
- Available both unmetered and metered up to 200 amps.
- Fabricated from hot dipped galvanized sheet steel.
- Also available in stainless steel or anodized aluminum.
- UL approved copper cable busing 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.
- Vandal proof doors with hasp stress rated to 2,000 lbs.

Tesco Controls Inc.
3409 52nd Ave.
Sacramento, CA, 95823

Phone: 916-395-8800
Fax: 916-429-2817

<http://www.tescocontrols.com>



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Cabinet & Power Specifications for Model 27-000 Type III AF

Cabinet Fabrication:

- Maximum external dimensions: 20" Wide x 63" High x 10.25" Deep. Minimum opening to control section 15.25"W x 35"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.
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- 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.
- Cabinets shall have fully framed side hinged outer doors with swagged close tolerance sides for flush fit with top drip lip and closed cell neoprene flange compressed gaskets.
- Cabinet shall have an enclosed swept pull section with removable step.
- Removable backpan shall be mounted on 4 welded 1/4" studs.
- Cabinet doors shall have 2,000 lb. stress rated hasp, welded to the cabinet and door.

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.
- All control wiring is 19 strand #14 AWG THHN.
- All terminals shall be permanently labeled.

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°.

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(Continued on page 3)

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(Continued from page 2)



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.
- All busing shall be U.L. approved copper THHN cable busing, fully rated.

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 27-000 Type IIIAF Options

- 100 or 200 Amp Meter Socket
- Maximum Twenty-Eight (28) - 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
- Test By-pass

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