

American Electric Power Customer Owned Meter Pedestal Specifications

Enclosure Construction

Steel enclosures shall be a minimum of G-90 galvanized steel. All edges shall be smooth after forming. Enclosure shall be painted after fabrication. Finish coat shall be minimum of 2 mils thickness and provide a tough, non-chalking weather resistant finish.

Construction shall be in accordance with ANSI/UL50. The pedestal shall be rated Type 3R. Sealing shall be provided by minimum stainless steel latch with provision for 3/8 inch padlock and/or ribbon seal.

Protection

Enclosures shall be designed to protect personnel against accidental contact with the electrical devices. Guard against unauthorized use of electric service and cannot be opened without either breaking the seal or visibly damaging the pedestal.

Meter Socket Assembly

Block assemblies shall be replaceable from the front. Current carrying socket jaws shall be reinforced and have meter blade guides. The pedestal shall have a double lay-in for the neutral connection. Socket jaws shall be tin plated, capable of carrying full rated (continuous) current and withstand the mechanical and heat rise requirements of ANSI/UL 414.

Terminal Connectors

Terminal connectors shall be suitable for use with aluminum and copper conductors. Connectors shall be tin plated and capable of carrying full rated (continuous) current and withstand the mechanical and heat rise requirements of ANSI/UL 486B.

UL Listing

All meter pedestals shall be Underwriters Laboratories Listed and labeled as such.

4 terminal meter sockets shall have provisions for a 5th terminal and bypass horns for utilities use for manual bypass using jumper cables. When a 5th terminal is required it shall be installed in the 9 o'clock position and securely tied to the neutral. All meter pedestals will be ringless style. Those meter pedestals that are not shown below shall be approved by local supervision.

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Manufacturer	
Adnic Products	
B&B Electrical Products	all
Dyna-Tech Corp.	Powercraft Series
Midwest Electrical Products	all
Milbank Manufacturing Company	all
Square D	Hitch-n-post
Jamestown Advanced Products	Power Outlets