



Certified For: _____
Job Name: _____
Location: _____
Customer PO: _____
Model Number: _____

MPD– Pedestal Disconnect

Composition:

- Pedestal – 4” X 4” 11 gauge 304 Stainless Square Tubing
- Total length indicated by suffix xx + yy
- Solid welded stainless cap tops off the Shroud.
- Under deck Flange – Welded 16 gauge sheet metal – black painted W/ anchor bolts and trim to secure pedestal to roof structure.



Practical Application: The MAPA Products Fusible Rainproof Pedestal Mounted Safety Switch provides local disconnect of the electrical service at roof mounted equipment. The Stainless Shroud with integrally welded deck flange enables a positive weather-tight flash of the unit to the roof membrane without the need for additional flashing or pitch-pan. The need to interrupt electrical service remotely in the case of equipment change-out can be avoided since the service disconnect is mounted adjacent to rather than onto the equipment. Standard Disconnects are available in General Duty or Heavy Duty Series.

Features: The Standard Stainless Steel Shroud extends above roof line a minimum of thirty-six inches with an additional twelve inches beneath the roofline shroud so as to permit the unit to be securely fastened to the roof structural member by securing the under-deck mounting flange to a welded deck flange. The Under Deck flange is provided with fastening hardware to enable the installer to secure the flange first against the shroud and then onto a deck flange. Pedestals are furnished completely assembled with Safety Switch and wiring leads. Liquid-Tight Steel Core Flexible Conduit protects electrical service wire cable leads for at the equipment. Leads for connection to the power source below the roofline are shielded in Metal Conduit. Wiring service for the GFCI is provided in a separate flexible conduit. Wiring and Conduit sizes are according to industry standards and NEC. All connections exposed to weather are made liquid tight. Optional termination cables are available in five (5) or ten (10) foot lengths. All safety switch disconnects are furnished with NEMA 3R Rainproof enclosure. The switch is provided with handle suitable for padlocking in the OFF position. Defeat-able front accessible door prevents opening of switch when in ON position or turning the switch ON when the door is open.

Series and Model Specifics:

Model MPD – 30:36/12 General Duty - Unit utilizes a Square D Model # D221NRB or Eaton Model # DG221NRB Safety Switch. 2 wire (2 Blades and 2 Fuse holders, 1 Neutral) 120-240 Vac. Max rating 30 amp.

Heavy Duty Series Switches are provided without fuses. Other configurations are available to meet specific design criteria. Pedestals are custom fabricated for specific project requirements and typically require a four (4) week lead time after product submittal approval. UL Listed, File E2875. Designed for light to medium duty applications such as roof mounted air conditioning units and exhaust fans.

Doc #: M-13401



Model Number: _____

Disconnect Models

Available Options

Model Number	Description		
MPX4:36/12	Utility Pedestal less disconnect	S	Square D
MPD-30:36/12	2 Bladed/2 Fused/2 Wire	E	Eaton/Cutler Hammer
MPD-30-2X:42/12	2 Bladed/2 Fuse Holders/ 2 Wire	F	Fused
MPD-60-2X:42/12	2 Bladed/2 Fuse Holders/2 Wire	NF	Non Fused
MPD-100-2X:48/12	2 Bladed/2 Fuse Holders/2 Wire	240V	Voltage
MPD-30-3Z:42/12	3 Bladed/3 Fuse Holders/ 3 Wire	600V	Voltage
MPD-60-3Z:42/12	3 Bladed/3 Fuse Holders/ 3 Wire	3R	NEMA Rating: If Custom Specify: _____
MPD-100-3Z:48/12	3 Bladed/3 Fuse Holders/ 3 Wire	G	Weather Resistant receptacle within HD WP Box w/ In Use Cover
<i>Use Suffix "Y" for Yard Installations</i>		A	Lightning Surge Arrestor
Recommended: Accessory Structural Support Bracing where height is $\geq 48"$ above roof		P	Control Port
(Includes: 2 – MX-1.500-SA Anchoring Bases w/ necessary mounting hardware.)		D	Upper Deck Cap
Standard Wire Configuration		5C	5' Termination Cable
2X=240VAC w/o Neutral		10C	10' Termination Cable
3Z=600VAC w/o Neutral		xx/yy	Extended lengths Above/Below roof flange; Specify Dimensions: _____
3X and 4X includes Neutral Bar Assembly		BRC	Add'l Internal Empty Flex
		SA	Structurally Attached – Florida Product Approval FL-21083
		Y	Yard Installation
		SSB	Structural Support Bracing (MX-1.500-SA and Bracket Assembly)

Warranty:

Limited Lifetime Warranty--When installed in accordance with MAPA installation and maintenance specifications and using only MAPA materials, MAPA warrants its support bases and assemblies to be free from defect and will repair or replace product at MAPA's discretion. Rusting that is not detrimental to the integrity of the support is not warranted. Damage caused by incorrect installation, improper usage or improper maintenance is not warranted. Recovery rights shall be limited to the total sum of the amounts paid for the product by the purchaser.

Limits of Liability:

ISIMET/MAPA liability shall be limited to costs of repair or replacement parts. Supports are not intended for usage other than those expressly described in product catalog. ISIMET/MAPA does not perform engineering design and shall not be liable for damage or injury caused by the improper use or installation of the product.