

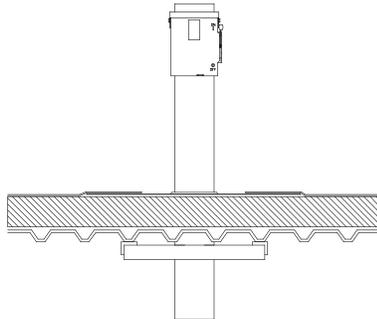


103 W CJ Wise Pkwy, PO Box 129 Naples, TX 75568
Ph: 903-897-2371 Fax: 903-897-2781

CERTIFIED FOR:

JOB NAME _____
LOCATION _____
CUSTOMER _____
CUSTOMER P.O. _____

Submittal Information: MPD-(XX) Pedestal Disconnect - 30, 60, 100 amp



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.
- Roof Flange – 16 gauge 304 Stainless sheet – continuous welded seam at Pedestal.

Mounting Hardware:

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 service disconnects is mounted adjacent to rather than onto the equipment. Standard Disconnects are available in General Duty or Heavy Duty Series. Units are optionally provided with a GFCI duplex plug with a weatherproof cover. Other optional features including a Weather-tight Control Port are available for both Series.

Features

The Standard Stainless Steel Shroud extends above roof line a minimum of thirty-six inches with an additional twelve inches of beneath 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 roof 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 termination 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 pad-locking 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.

Recommended:

Additional structural bracing should be utilized where vertical sway is detected. An optional accessory package MAPA Products model number M-PSA2 provides the necessary hardware to attach the pedestal to the roof structure, utilizing a field provided ridged strut design. Attachment points are provided on the pedestal for these connections.

Series and Model Specifics:

Model MPD – 30:36/12 General Duty - Unit utilizes a Square D Model # D221NRB Safety Switch.2 wire (2 Blades and 2 Fuse holders, 1 Neutral) 120-240 Vac. Max rating 30 amp.UL Listed, File E2875. Designed for light to medium duty applications such as roof mounted air conditioning units and exhaust fans. Heavy Duty Series utilizes the Square D Class 3110 - 240 Volt or 600 Volt, depending upon the application. 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.



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Model	Description	Vac.	Max Rating
MPX4:36/12	36" Utility Pedestal W/O Disconnect		
MPD-30:36/12	2 Blades / 2 Fuse holders / 2 wire	240 Vac	30 amp
MPD-30-2X:42/12	2 Blades / 2 Fuse holders / 2 wire	240 Vac	30 amp
MPD-60-2X:48/12	2 Blades / 2 Fuse holders / 2 wire	240 Vac	60 amp
MPD-100-2X:48/12	2 Blades / 2 Fuse holders / 2 wire	240 Vac	100 amp
MPD-30-3Z:42/12	3 Blades / 3 Fuse holders / 3 wire	600 Vac	30 amp
MPD-60-3Z:48/12	3 Blades / 3 Fuse holders / 3 wire	600 Vac	60 amp
MPD-100-3Z:48/12	3 Blades / 3 Fuse holders / 3 wire	600 Vac	100 amp

Optional Features Available

- G* GFCI-Commercial grade receptacle housed in die-cast aluminum single gang weatherproof outlet box with weatherproof hinged cover plate.
- A* Lightning Surge Arrestor- Arrestor is mounted to side of Safety Switch / 240 Single Phase or 480 Three Phase
- P* Control Port
- * *Suffix:xx/yy* Extended shroud for above or below roofline. (Specify in model number-6" increments. ie., -54/12)

Other Options

- * *D* An upper deck cap may be specified; Fit for standard 12"x12"x10" curb (Field provided) Standard below flange dimension increases to 24".
- 5C* 5' Termination cable / Liquid-Tight Steel Core Flexible Conduit. (3 Wire W/ Ground)
- 10C* 10' Termination cable / Liquid-Tight Steel Core Flexible Conduit. (3 Wire W/ Ground)
- NF* Non-Fused Disconnect – Available on all Disconnects
- 2X to 3X*
3Z to 4Z Add Neutral Assembly - Available on all Disconnects
- M-PSA2* Accessory Structural Support Bracing where height is ≥ 48" above roof. (Includes: 2 – MX-1.500-SA Anchoring Bases w/ necessary mounting hardware.)

* Options available for the MPX4:36/12

Warranty:

MAPA will repair or replace any defective parts or workmanship of this product for a period of one year from date of delivery. Damage caused by incorrect installation, alteration or improper usage 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:

MAPA's liability shall be limited to costs of repair or replacement parts. Pedestals are not intended for usage other than those expressly described in this document. MAPA shall not be liable for damage or injury caused by the improper use of the product.

CERTIFICATION DATA

QTY	Model	Style		Options				Neutral	Termination	
		Roof	Yard	G	A	P	D	Assembly	Cable	
								2X to 3X,	5C	10C
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input checked="" type="checkbox"/>	<input type="checkbox"/>							
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

DRAWN **CHECKED** **DATE** **DWG.NO.** **OE2010-MPD30:36/12**