



Electric Dogging "MD" Option

Specifications

Read the entire instruction sheet prior to installation.

.25 amp current draw at 12VDC

Requires DORMA PS-502RF regulated power supply. Each supply is capable of handling 1 - 4 "MD" devices. The use of an electric hinge (4 wires per "MD" unit and twisting of pairs) or power transfer (ie. ES105) is recommended. (See PS-502RF instructions for wiring of power supply.)

Unit fits inside of standard touch bar and rail assemblies on all 9000 series exit devices. (See individual instruction booklets for actual door sizes.)

Maximum holding force is between 40# - 60#. Immediate release upon loss of power.

Maximum Wire Length From Power Supply To Device & Back To Supply In Feet x Wire Gage/Size				
WIRE	18AWG	16AWG	14AWG	12AWG
FEET	25	50	75	100

***NOTE:** Use caution when cutting touch bar and rail to length. Requires additional hole by rear endcap mounting bracket.

Installation

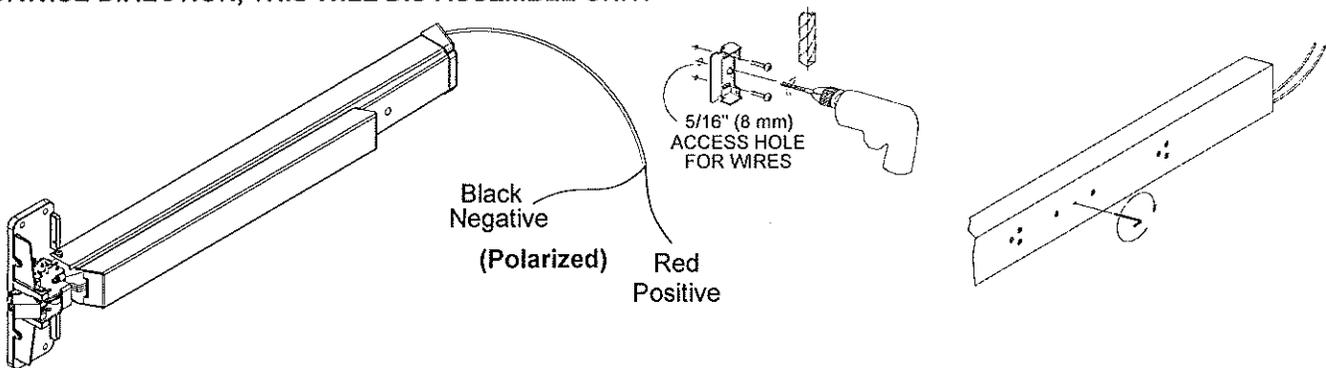
Always disconnect power prior to making any connection to device or service.

Use standard installation instructions supplied with device to install unit. Electric hinge or power transfer required for installation.

***NOTE:** When used on fire door application; unit must be tied in to local fire alarm control panel.

With touch bar and rail attached to chassis assembly, connect device to power supply (**PS-502RF**); Test unit prior to installing on door. Unit is preset at factory, however it may be necessary to readjust in the field prior to being installed on the door to achieve maximum holding force and full latch retraction. Door surface should be flat, any bowing of door surface may affect the operation of the "MD" device.

With device energized depress touch pad. Touch pad should remain depressed and latch bolt(s) should be fully retracted. The touch pad should not be able to be "pulled out" of dogged position easily. If latch bolt(s) are not retracted fully, use an 1/8" Allen wrench on back side of touch bar and rail as shown to adjust magnet. Rotate center Allen head screw clockwise to adjust latch inward and touch pad downward. Turn only until latch bolt is retracted. **DO NOT OVER ADJUST. DO NOT TURN IN COUNTER CLOCKWISE DIRECTION, THIS WILL DIS-ASSEMBLE UNIT.**



Operation

Unit is powered by 12VDC (DORMA PS-502RF) power supply, see power supply instructions for wire connection. After all connections are made, energize the device and depress touch pad. Touch pad should remain depressed (dogged) indefinitely until de-energized. If power source is interrupted or disconnected the touch pad will release and latch will extend to latched position. Once power is reapplied the touch pad should remain depressed upon next egress of door. Proper power supply and wiring of unit is essential for proper operation of unit.