# MX-EP600-SERIES

## Explosion Proof Magnetic Lock

Specifically designed for applications where flammable vapors are cause for concern, like clean room, chemical plant, or refinery environments by eliminating the sparks or arc in the magnetic lock.
UL listed for use in hazardous locations CLASS 1, DIVISION 2.

5 YEAR WARRANTY

## Features

• Explosion Proof Epoxy Sealed to eliminate sparks

• No moving parts, virtually maintenance free

• Corrosion Proof

• Door Status Sensor

• 628 Clear Anodized Aluminum housing

• Classified for Hazardous Locations

## Application

• Chemical Plants

• Refineries

• Paint Shops

• Cleaning Facilities

• Loading Facilities for flammable gases

## Model

MX-2CWR Push-side Explosion Proof magnetic lock with conduit on side-block.

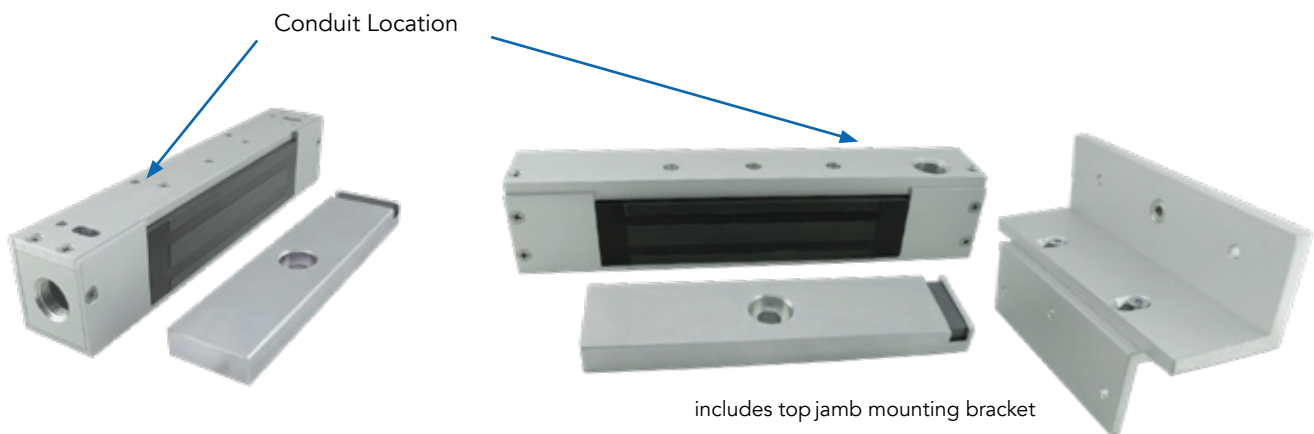MX-2BT Pull-side Explosion Proof magnetic lock with conduit on top panel includes top jamb mounting bracket.

# MX-EP600-SERIES

## Explosion Proof Magnetic Lock

## Specification

| Model | MX-EP600-EL | MX-EP600-EL |
|---|---|---|
| Holding Force | 600 lbs | |
| Armature | 71/8" L x 13/4" H x 3/4" D | |
| Lock | 101/2" L x 2" H x 13/4" D | 101/2" L x 21/4" H x 13/4" D |
| Input Voltage | 24 VDC ± 10% | |
| Power Consumption | 250 mA @ 24V DC | |
| Door Status Sensor | SPDT, 100 mA @ 30 VDC max | |
| Lock Wiring | RED/RED (Non-Polarized) | |
| DPS Wiring | White (N.O.)<br>Red (N.C.)<br>Black (Common) | |

Conduit Location



includes top jamb mounting bracket

This unit is intended to be used in the following atmospheres: Acetone, Ammonium Hydroxide, ATSM fuel C, Benzene, MethylEthylketone, Diethyl-Ether, 2-Nitropropane, Ethyl-Acetate, Furfural, Normal Hexane, Methyl Alcohol.

Operating temperature for the magnetic lock will not exceed 185° F (85° C). Maximum ambient temperature is not to exceed 104° F (40° C). For supply connections, use a suitable wire with a minimum insulation temperature rating of 167° F (75° C).

This unit must be connected to a NEC (National Electric Code, NFPA 70) Class 2 Supply Circuit rated for 24 VDC with a minimum current output of 0.5 amperes and output power of 12 watts. A UL Listed SDC 600 Series Power Controller is recommended.