

MX Exp

Brand: Max-Air Technologies



Short Description

Open/Close/Jog/Modulating, Heavy Duty MX Series Hazardous Location industrial electric actuators are offered in 6 frame sizes and 10 different torque ratings providing 310 in-lbs thru 13280 in-lbs. All units comply to CSA Class 1, Division 1, Groups C, D T4 temperature standards as well as Class 2 Division 1 Groups E, F, G with T130 degree temperature standards. The units are also fully ATEX rated for Class 1, Zone 1 Ex dbIIB T4 Gb (Canada) and Class 1, Zone 1 AEx db IIB T4 Gb (for US); Ex tb IIIC T130C Db(for Canada).

Description

MX Series Hazardous Location industrial electric actuators are offered in 6 frame sizes and 10 different torque ratings providing 310 in-lbs thru 13280 in-lbs. All units comply to CSA Class 1, Division 1, Groups C, D T4 temperature standards as well as Class 2 Division 1 Groups E, F, G with T130 degree temperature standards. All units come standard with an industrial powder coated heavy duty, IP68 aluminum enclosure, ISO mounting and female drive output. MX Series actuators are available in 24 VAC/VDC, 120VAC, or 230 VAC single phase. All MX Series are available in either Open / Close / Jog control or full Modulating control configuration. Torque switches are standard on all units. A 360-degree viewable position indicator, manual override, 2 auxiliary switches, and anti-condensation heater are standard on all units. Specifications: Locations Ordinary Indoors/Outdoors Enclosure Protection IP68 Standard; Class 1, Division 1, Groups C, D T4 temperature standards as well as Class 2 Division 1 Groups E, F, G with T130 degree temperature standards (US) . The units are also fully CSA rated for Class 1, Zone 1 Ex dbIIB T4 Gb (Canada) and Class 1, Zone 1 AEx db IIB T4 Gb (for US); Ex tb IIIC T130C Db Canada). Torque Range 310 to 13.280 in-lbs Materials Aluminum w/

Polyester Powdercoat Ambient Temp. -22°F to 149°F (-30°C to +65°C) Rotation 90
Degrees Voltages - Single Ph 24 vac/vdc, 120 vac, 230 vac Hz Rating Dual 50/60 Hz
certified Motor Design Class F & H Duty Cycle 100% (EN 60034 / ISO 22153) Signal
Type Open/Close/Jog or Modulating (4-20mA, 2-10V) Mounting ISO 5211 Yes Gears
+310 & 445 in-lbs = Spur Gear, 800 in-lbs above = Epicyclic Back-Drive Resistance
Method High gearing ratio; Epicyclic design Relative Humidity Range