

SX Spring Return Exp



Brand: Max-Air Technologies

Short Description

Open/Close/Jog/Modulating, Heavy Duty, Spring Return SX Series Hazardous Location industrial electric mechanical spring return actuators are offered in 4 frame sizes and 4 different torque ratings providing 475 in-lbs thru 2,300 in-lbs. SX Series actuators are available in 24 VAC, 24 VDC, 120 VAC, 230 VAC; these are also offered in complete 3 phase configurations in 220, 380 or 460 VAC. All SX Series are available in Open / control configuration (please contact the factory for additional control requirements). Units will provide mechanical failsafe positioning to either a full CW or CCW position upon loss of mains power. All units are available with or without a manual override handwheel.

Description

SX Series Hazardous Location industrial electric mechanical spring return actuators are offered in 4 frame sizes and 4 different torque ratings providing 475 in-lbs thru 2,300 in-lbs. SX Series actuators are available in 24 VAC, 24 VDC, 120 VAC, 230 VAC; these are also offered in complete 3 phase configurations in 220, 380 or 460 VAC. All SX Series are available in Open / control configuration (please contact the factory for additional control requirements). Units will provide mechanical failsafe positioning to either a full CW or CCW position upon loss of mains power. All units are available with or without a manual override handwheel. 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 rated aluminum enclosure, ISO mounting and female drive output. A 360-degree viewable raised position indicator, 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 1Groups 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 445 to 2300 in-lbs Materials Aluminum w/ Polyester Powdercoat Ambient Temp. -40°F to 149°F (-40°C to +65°C) Rotation 90 Degrees Voltages - Single Ph 24 vac/vdc, 120 vac, 230 vac Voltages - 3 Ph 220,380,460 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 Modulating (4-20mA, 2-10V) option) Mounting ISO 5211 Yes Gears Spur design - Hardened Steel Back-Drive Resistance Method Motor Brake, Gear Ration Relative Humidity Range