



Certificate of Compliance

Certificate: 1029614

Master Contract: 153247

Project: 2654948

Date Issued: August 21, 2013

Issued to: Rotork Controls Inc.

675 Mile Crossing Blvd
Rochester, NY 14624
USA
Attention: Jeff Gartland

The products listed below are eligible to bear the CSA Mark shown



Joe da Silva

Issued by: Joe da Silva, C.E.T.

PRODUCTS

CLASS 3228 02 - VALVES - Actuators - For Hazardous Locations

Class I, Groups B, C and D; Class II, Groups E, F and G:

Class I, Groups C and D; Class II, Groups E, F and G:

Electric Value Actuators MKII Models IQ10, IQ12, IQ18, IQ20, IQ25 and IQ35, rated 600V or less, 3 phase 50/60Hz, 25 Amps max, torque up to 450 ft-lb, 15 min/hr duty cycle, external load contacts 120V ac, 12VA; 24V dc, 5W; enclosure Type 4X, max oper amb 70°C, temperature code T4.

Electric Value Actuators MKII Models IQ40, IQ70, IQ90, IQ91 and IQ95, rated 600V or less, 3 phase 50/60Hz, 88 Amps max, torque up to 2200 ft-lb, 15 min/hr duty cycle, external load contacts 120V ac, 12VA; 24V dc, 5W; enclosure Type 4X, max oper amb 70°C, temperature code T4.

Electric Value Actuators MKII Models IQS12, IQS20 and IQS35, rated 240V or less, 1 phase 50/60Hz, 19 Amps max, torque up to 280 ft-lb, 15 min/hr duty cycle, external load contacts 120V ac, 12VA; 24V dc, 5W; enclosure Type 4X, max oper amb 70°C, temperature code T4.

Electric Valve Actuator MKII Models IQM10, IQM12, IQM20, IQM25 and IQM35, rated 600V or less, 3 Phase, 50/60Hz, 25A max, Seating torque up to 400 ft-lb max, Continuous duty cycle, external load contacts 24V dc, 5W rated, Enclosure 4X, max oper amb 70°C, temperature code T4.

Class I, Groups C and D:

Electric Value Actuators MKII Models IQB10, IQB12, IQB18, IQB20, IQB25 and IQB35, rated 600V or less, 3 phase 50/60Hz, 25 Amps max, torque up to 450 ft lb, 15 min/hr duty cycle, external load contacts 120V ac, 12VA; 24V dc, 5W; enclosure Type 4X, temperature code T3.



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Electric Value Actuator MKII Model IQB40, rated 600V or less, 3 phase 50/60Hz, 88 Amps max, torque up to 2200 ft lb, 15 min/hr duty cycle, external load contacts 120V ac, 12VA; 24V dc, 5W; enclosure Type 4X, temperature code T3.

Note – As per the CEC, the above actuators may be used in Class I, Zone 1, IIB or IIB + Hydrogen hazardous areas.

APPLICABLE REQUIREMENTS

CAN/CSA C22.2 No. 0-10 - General Requirements - Canadian Electrical Code, Part II

CSA Std C22.2 No. 25-1966 - Enclosures for Use in Class II, Groups E, F and G Hazardous Locations

CSA Std C22.2 No. 30-M1986 - Explosion-Proof Enclosures for Use in Class I Hazardous Locations

CAN/CSA-C22.2 No. 94-M91- Special Purpose Enclosures

CSA Std C22.2 No. 139-10 - Electrically Operated Valves

MARKINGS

- Company Name;
- Model Number;
- Serial Number;
- Electrical Rating;
- Duty Cycle;
- Hazardous Locations Designation (May optionally include Zone markings, eg. Cl. I, Zone 1, IIB);
- Special Purpose Enclosure Designation, "TYPE 4 and 4X" (where applicable);
- CSA Monogram;
- Maximum Operating Ambient;
- Temperature Code Rating;
- Caution re Conduit Seal Fitting Location within 50 mm of Enclosure;
- Caution re Keeping Battery Compartment Cover Closed if Flammable Atmosphere is Present;
- A Warning re Not To Open Cover While Energized;