



Certificate of Compliance

Certificate: 1002336 **Master Contract:** 155426
Project: 70016099 **Date Issued:** 2015-06-12
Issued to: Emerson Process Management Valve Automation, Inc.
 2500 Park Ave W
 Mansfield, Ohio 44906
 USA
Attention: Bill LeBlanc

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.



Issued by: Anuj Amin
 Anuj Amin

PRODUCTS

CLASS - C322102 - VALVES-General purpose Actuators
 CLASS - C322182 - VALVES-Actuators - Certified to US Standards

Electrical motor-operated valve actuator

Model Series: EM-1XX, (where XX = unique two digit numeric code for drive sleeve and mounting pattern), EM-300, EM-310, EM-320, EM-500, EM-510, EM-520, EM-810, EM-820, EM-830, EM-840, SR5-10, SR5-15, SR5-30, and SR5-90. Electrical Rating: See table below; Ambient Temperature: all models rated -40°C to +60°C with exception of models EM-810, EM-820, EM-830 and EM-840 which are rated -40°C to +43°C; Enclosure Rating: Type 4; General purpose type with 6,000 operations

Model series: EM-300, EM-310, EM-320, EM-500, EM-510, EM-520, EM-810, EM-820, EM-830, EM-840, SR5-10, SR5-15, SR5-30, and SR5-90. Electrical Rating: See table below; Ambient Temperature: all models rated -40°C to +60°C with exception of models EM-810, EM-820, EM-830 and EM-840 which are rated -40°C to +43°C; Enclosure Rating: Type 4, 4X; Modular purpose type with 100,000 operations

| Model Series: | Rated Motor Current: (FLA/LRA) | | | | Torque: (In/Lbs) | Operating Speed 90°: (Seconds) | Duty Cycle: | |
|---------------|--------------------------------|----------|---------|---------|---------------------|-----------------------------------|-------------|-----|
| | Single Phase, 50/60Hz | | 12V DC: | 24V DC: | | | AC: | DC: |
| | 115V AC: | 220V AC: | | | | | | |
| EM-1XX | 0.94/1.30 | -- | -- | -- | 100 | 2 | 30% | -- |