



Certificate of Compliance

Certificate: 1827433

Master Contract: 158031

Project: 80107174

Date Issued: 2021-12-06

Issued To: **Watlow Electric Manufacturing Company**
1241 Bundy Blvd
Winona, Minnesota, 55987
United States

Attention: Larry Glentz

Issued by: *Leo Bian*
Leo Bian



PRODUCTS

CLASS - C321107 - INDUSTRIAL CONTROL EQUIPMENT Miscellaneous Apparatus

PART A - Remote User Interface Series EZK followed by A or B, followed by A, L or H, followed by A, followed by any two alphanumeric characters, followed by A, followed by A, followed by any two alphanumeric characters. Control Power - 24 to 28 Vac/dc or 100-240 Vac/dc, 50/60 Hz, 10 VA. The front panel of these devices are Type 1, Type 4 (Indoor Use Only) approved for indoor use when properly mounted with integrated gasket.

Note: This equipment was tested for 70° C maximum ambient temperature.

PART B - Temperature/Time Control Microprocessor, Series ST followed by K, B, P, E, D, H, J or C, followed by A, L or B, followed by A, B or F, followed by L, H, 1, 2 or 3, followed by any letter or number combination, followed by B, C, D, E, F, G, H, J, K, L, M, N, P, R, S or T followed by B, C, D, E or F followed by any letter or number, followed by two digit alphanumeric combination.



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Input:

Control Module: 24-28 Vac/dc, 50/60 Hz; 100-240 Vac/dc, 50/60 Hz max 12 VA if no contactor; 24-28 Vac/dc, 50/60 Hz; 120 Vac, 50/60 Hz, or 208-240 Vac, 50/60 Hz max 50 VA if integrated contactor is supplied or max 140 VA if external contactor is used.

Base Module/Solid State Relay: 24-240 Vac zero cross or 100-240 Vac Phase angle, 25, 40 or 75 A depending on heatsink and SSR or 48-600 Vac zero cross or 260-600 Vac Phase angle, 25, 40 or 75 A depending on heatsink and SSR provided.

Output:

Control Module:

Model ST: Switched DC to control Solid State Relay Class 2 DC

Model ST (K, B, P or E): Solid state relay rated 0.5 A resistive 24-240 V ac, 20 VA pilot duty 120/240 V ac.

Model ST (H, D, J or C): Mechanical relay rated 5 A resistive 24-240 V ac, 125 VA pilot duty 120/240 V ac, 25 VA 24Vac

Model STXL: Mechanical relay rated 5 A resistive 24-240 V ac, 125 VA pilot duty 120/240 V ac, 25 VA 24 V ac and mechanical relay rated 2 A resistive 24-240 V ac, 125 VA pilot duty 120/240 V ac, 25 VA 24Vac

Base Module/Solid State Relay: 24-240 Vac zero cross or 100-240 Vac Phase angle, 25, 40 or 75 A TUNGSTEN, HEATING depending on heatsink and Solid state relay or 48-600 V ac zero cross or 260-600 Vac Phase angle, 25, 40 or 75 A TUNGSTEN, HEATING depending on heatsink and solid state relay provided.

Note: This equipment was tested for 70° C maximum ambient temperature.

PART C - Heat Sink Assembly, STRT-HS, followed by AA or CB-, followed by any three numbers or letters, followed by B, C, D, E or F. Base Module Assembly, STRT-BASE-, followed by 0000 or DP, followed by A, B or F, followed by 1, 2 or 3. Control Module Assembly, STRC-, followed by any number or letter, followed by K, B, P, E, H, D, J or C, followed by A, B or L, followed by L, H, 1, 2 or 3, followed by any four numbers or letters.

Power (Base and Heat sink module) 24 – 240 V ac zero cross or 100-240 Vac Phase angle; 48–600 Vac zero cross or 260-600 Vac phase angle, 25 A, 40 A or 75 A TUNGSTEN, HEATING.

Control Power – 24 to 28 Vac/dc or 100-240 V ac/dc, 50/60 Hz, 12 VA control module only, 50 VA with on board contactor or 140 VA with external contactor.

Notes:

1. This equipment is certified only for use in complete assemblies where the suitability of the combination is to be determined.
2. See report for a complete breakdown of model number configurations.

APPLICABLE REQUIREMENTS

CSA C22.2 No. 14 - Industrial Control Equipment



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Notes:

Products certified under Class C321107 have been certified under CSA's ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC). www.scc.ca

