CERTIFICATION RECORD

The company named below has been authorized by CSA to represent the products listed in this record as "CSA Certified" and to affix the CSA Mark to these products according to the terms and conditions of the CSA Service Agreement and applicable CSA program requirements (including additional Markings).

File No: 066809 0 000

Class No: 3211 07 INDUSTRIAL CONTROL EQUIPMENT - Miscellaneous Apparatus

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STANDARDS & RECORDS SECTION

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- Time delay relays, Series RTP-D, open type with dust cover, spdt, rated: 3 A (res), 120 V ac/30 V dc, 1.5 A (gen), 120 V ac; inputs: 24 V dc, 100-120 V ac or 200-240 V ac.
- Time delay relays, Series TRY-D (with suffixes), open type with dust cover, max contact ratings; with Suffix 2N, 5 A (res), 2 A (gen), 240 V ac, 2.5 A (gen), 120 V ac, 5 A (res), 2.5 A (gen), 30 V dc; with Suffix 4N, 3 A (res), 0.8 A (gen), 240 V ac, 1.5 A (gen), 120 V ac, 3 A (res), 1.5 A (gen), 30 V dc, inputs: 100-120 V ac, 200-240 V ac, 48 V ac, 24 V ac, 12 V ac, 100 V dc, 48 V dc, 24 V dc, 12 V dc.

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- Solid state multi timers, GT3 Series, open type with dust cover Model GT3A with suffixes, operating voltage: 100 to 240 V ac, 12 V ac/12 V dc, 24 V ac/24 V dc, 12 V dc. Contact rating: 3 A (res), 250 V ac, 1 A (res), 30 V dc or 3 A (res), 240 V ac, 5 A (res), 120 V ac/30 V dc or 5 A (res), 240 V ac/24 V dc; Model GT3F with suffixes, operating voltage: 100 to 120 V ac, 200 to 240 V ac, 100 to 240 V ac, 24 V dc. Contact rating: 4 A (res), 250 V ac, 3 A (res), 30 V dc or 5 A (res), 250 V ac/30 V dc: Model GT3S with suffixes, operating voltage: 100 to 240 V ac. Contact rating: 5 A (res), 250 V ac/30 V dc; Model GT3W, followed by two digits, may be followed by E, with suffixes, operating voltage: 100 to 120 V ac, 200 to 240 V ac, 100 to 240 V ac, 12 V ac/12 V dc, 24 V ac/24 V dc. Contact rating: 3 A (res), 250 V ac; 3 A (res), 30 V dc; 5 A (res), 120 V ac. Model GT3P with suffixes, operating voltage: 100 to 240 V ac, 24 V ac/24 V dc, 12 V ac/12 V dc. Contact rating: 0.6 A (res), 250 V ac or 100 mA, 28 V dc. Model GT3M Series with suffixes. Operating voltage 100-240 V ac with contact ratings: 250 V ac, 5 A (res), 30 V dc, 5 A (res).
- Solid state multi-timers, open type with dust cover, Series GT3D with suffixes, operating voltage 100 to 240 V ac, 24 Vac/dc or 23 V ac/dc. Contact ratings as follows: GT3D-1, GT3D-2: 240 V ac, 3 A Resistive, 120 V ac, 5 A Resistive, 30 V dc, 5 A Resistive; GT3D-3, GT3D-4, GT3D-7, GT3D-8: 240 V ac, 5 A Resistive, 24 V dc, 5 A Resistive; GT3D-1T, GT3D-4T: 28 V dc, 100 mA Resistive.

Notes:

1. Suffix numbers and/or letters indicate contact configuration, pin type, operating voltage, etc.

2. Open type devices are Certified as components for use only in other Certified equipment, where the suitability of the combination is determined by the Canadian Standards Association.

- Electronic timer, open type with dust cover, Series GT5P with suffix, contact rating 3 A (res), 240 V ac, 5 A (res), 120 V ac, 5 A, 30 V dc, input 200-240 V ac, 100-120 V ac, 24 V ac/dc or 12 V dc.
- Electronic timer, open type with dust cover, Series GT5Y with suffix, contact rating, with suffix "-2" 5 A (res), 240 V ac/30 V dc, 2 A, 240 V ac, 2.5 A, 120 V ac, with suffix "-4" 3 A (res), 240 V ac/30 V dc, 0.8 A, 240 V ac, 1.5 A, 120 V ac, same polarity, input 200-240 V ac, 100-120 V ac, 24 V ac, 110 V ac, 100 V dc, 48 V dc, 214 V dc, 12 V dc.
- Electronic timer, open type with dust cover, Model GT3W followed by a letter (A-F), followed by two digits, may be followed by E, and followed by "AF20", "AD24" or "D12", contact rating 3 A (res), 240 V ac, 5 A (res), 120 V ac or 30 0.1 V dc, 1/8 hp, 120/240 V ac, input 100-240 V ac, 24 V ac/dc or 23 V dc.
- Solid state relays, open type with dust cover, Type RABN-210Z, input 3-28 V dc and RABN-210ZL, input 5-30 V dc, max load current at 250 V ac, as follows; with external heatsink 10 A (resistive or tungsten), without external heatsink 4 A (resistive or tungsten).
- Solid state relays, open type with dust cover, Type RABN-220Z, input 3-28 V dc and RABN-220ZL, input 5-30 V dc, max load current at 250 V ac, as follows; with external heatsink 20 A (resistive), without external heatsink 7 A (resistive or tungsten).
- Solid state relays, open type with dust cover, Type RAHB-201Z and RAHV-201Z, input 3-28 V dc, max load current 1 A (resistive or tungsten) at 250 V ac.
- Solid state relays, open type with dust cover, Type RAHB-202Z and RAHV-202Z, input 3-28 V dc, max load current 2 A (resistive or tungsten) at 250 V ac.
- Solid state relays, open type with dust cover, Type RAMB-202Z and RAMV-202Z, input 3-28 V dc, max load current 2 A (resistive or tungsten) at 250 V ac.
- Solid state relay, open type with dust cover, Type RAFL-202Z, input 3-28 V dc, max load current 2 A (resistive or tungsten) at 250 V ac.

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- Solid state relay, open type with dust cover, Type RAGL-202Z, input 3-28 V dc, max load current 2 A (resistive or tungsten) at 250 V ac.

Notes:

1. Suffix letters added to Series designation indicate electrical ratings and type of construction.

2. Open type relays are certified as components for use in other certified equipment where the suitability of the combination is determined by the Canadian Standards Association.

3. These relays are certified for use only in equipment where the short circuit capacity of the circuit in which they are connected is limited by fuses having ratings not exceeding that of the relay.

4. Series RTP-D time delay relays are certified for use only in equipment where the short circuit capacity of the circuit in which they are connected is limited by fuses having ratings not exceeding those of the relay.

5. Suffix "U" may be added to Series RTY-D/RTP=D.

6. Electronic timer, Series GT5Y-2 are intended as a component for use only in circuits where the short circuit capacity is limited by fuses having ratings not exceeding the rating of the relay.

7. Electronic timer, Series GT5Y-4, when applied in circuits up to 150 V ac are certified for use in equipment where the short circuit capacity of the circuit in which they are connected is limited by fuses having ratings not exceeding the rating of the relay.

8. Electronic timer, Series GT5Y-4, when applied in circuits above 150 V ac are certified for use in equipment where the power is limited by a transformer, rectifier, voltage divider or similar device (overload devices and fuses are excluded) and where the short circuit limit between conductors and between conductors and ground is 1500 VA or less and where a fire hazard will not result from a short circuit.

9. Suffix numbers and/or letters indicate contact configuration, pin type, operating voltage, etc.

10. Models RABN have one set of ratings for use with external heatsink and one set for use without. Min external heatsink dimensions for 210, 160 by 160 by 3 mm thick aluminum; for 220, 200 by 200 by 3 mm thick aluminum.

11. Models RAHB, RAHV, RAMB, RAMV, RAFL and RAGL are certified for use in equipment where the short circuit capacity of the circuit in which they are connected is limited by fuses having ratings not exceeding that of the relay.

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