Certificate of Compliance

Certificate: 1142018 **Master Contract:** 165850

Project: 80013834 **Date Issued:** 2019-11-11

Issued To: **Tyco Electronics Austria GmbH**
Schrackstrasse 1
Waidhofen/Thaya, Lower Austria, NOE, 3830
Austria

Attention: Iris Bozek

Issued by: *Jan Holtman*
Jan Holtman

C US

PRODUCTS

CLASS - C321104 - INDUSTRIAL CONTROL EQUIPMENT Motor Controllers - Magnetic
CLASS - C321184 - INDUSTRIAL CONTROL EQUIPMENT Motor Controllers - Magnetic - Certified to US Standards

PART A - Relays, magnetic motor controllers, Series RT, followed by 1, 2, 3, B, C, D, H, T or S followed by 1, 3, 5, 7, 8, 9,E or H, followed by C, D, 3, 4, 5, K, T or L, followed by, 003, 004, 005, 006, 009, 010, 012, 015, 017, 018, 020, 022, 024, 028, 030, 034, 036, 048, 052, 060, 080, 110, 506, 512, 524, 548, 560, 600, 615, 620, 700, 720, 730, 740, A03, A05, A06, A09, A12, A15, A17, A18, A20, A22, A24, A34, A36, A48, A52, A60, A80, B10, F03, 3F8, F05, F06, F09, F12, F15, F18, F24, F36 or F48, may be followed by up to four numbers and/or letters.

Derivative Forms: RT9H0001, RT9H0003, RT9H0004, RT9H0006, RT9H0007, RT9H0008, RT9H0010, RT930021, RT930023, RT930024, RT930037, RT930039, RT930041, RT930042, RT930043, RT930044, RT930045, RT930046, RT930056, , RT930065, RT930073, RT930076, RT951000, RT951001, RT95H000, RT9S0008, RT9S0009, RT9S0010, RT9S0014, RT9S0015 may be followed by up to four numbers and/or letters.

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PART B - Relays, magnetic motor controllers, Series RT, followed by 4 or E, followed by 2, 4 or 6 followed by 3, 4 or 5 followed by, 003, 005, 006, 009, 012, 015, 017, 018, 020, 022, 024, 028, 034, 036, 048, 052, 060, 080, 110, 506, 512, 524, 548, 560, 600, 615, 620, 700, 720, 730, 740, , A03, A05, A06, A09, A12, A15, A17, A18, A20, A22, A24, A34, A36, A48, A52, A60, A80, B10, F03, F05, F06, F09, F12, F18, F24, F36 or F48, may be followed by up to four numbers and/or letters for internal identification, double pole, single throw or double throw, magnetically operated.

Derivative Forms: RT940009, RT940016, RT952000, RT940021, RT940022, RT940023, RT940024, RT940025, RT940026, RT940027 and RT940041 may be followed by up to four numbers and / or letters

Notes:

1. These devices are suitable for use at Surrounding Air temperatures specified under Electrical Ratings.
2. The series designation is completed by suffixes indicating coil voltage and mechanical details.
3. These relays are Certified as components for use only in other Certified equipment where the suitability of the combination is to be determined in the end use
4. Ratings of RT9S0008 and RT9S0010 are for use with near-zero-crossing controllers only. Controller must
make relay contact within +/- 0.5 ms of zero voltage. Condition may occur on either the positive or negative portions of the ac wave.
5. Relay provides Reinforced insulating between Primary and Secondary circuits based on distances (Clause 2.10.3, Table 2K/2L and Clause 2.10.4 Table 2N and distance through insulation (DTI Clause 2.10.5.2) has been evaluated according UL 60950-1 - INFORMATION TECHNOLOGY EQUIPMENT - SAFETY - PART 1: GENERAL REQUIREMENTS - Edition 2 - Issue Date 2007/03/27 and CSA C22.2 NO. 60950-1 (2ND ED.) - INFORMATION TECHNOLOGY EQUIPMENT -- SAFETY. PT. 1, GENERAL REQUIREMENTS - Edition 2 - Issue Date 2007/03/27.
6. Ratings of 16 A Types (Type RT3 or RTD Standard or Bi-Stable Coil only, Contact Material 4 or 5 only, Note #3 only) are for use with near-zero-crossing controllers only. Controller must make relay contact within +/- 1 ms of zero voltage and break contact within -0.5 ms, (0.5 ms before, 0 ms after) zero voltage. Both conditions may occur on either the positive or negative portions of the ac wave.
7. Terminals from relays in Part A are suitable for factory wiring only.
8. Test results for Electronic Ballast with ratings 480Vac, 1.62A(inrush peak current: 348A, pulse width: 0.22ms) are only valid when the load is based on max 6.pcs Philips Model XH150C105V140CNF1. This CoA is only valid for following type: RTS3T (Standard DC or Bi-Stable Coil only, intransparent cover only,).
9. Test results for Electronic Ballast with ratings 347Vac, 5A (inrush peak current: 450A, pulse width: 1.15ms) are for use with near-zero crossing controllers only. Controller must ”make” relay contact within

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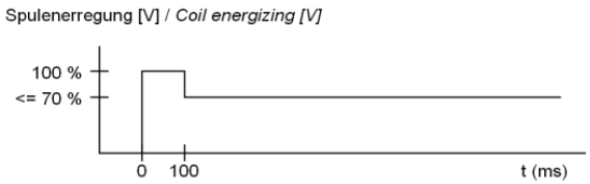
- 1.5 ms (1.5 ms before, 0 ms after) of zero voltage. Condition may occur on either the positive or negative portions of the ac wave. This CoA is only valid for following type:
RTS3T – (Standard DC or Bi-Stable Coil only, intransparent cover only).

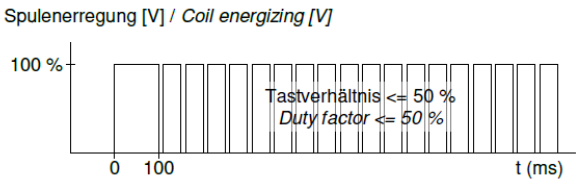
10. Test results for Electronic Ballast with ratings 480Vac, 3A (inrush peak current: 236A, pulse width: 0.3ms) are for use with near-zero crossing controllers and valid when the load is based on max. 8pcs of Philips driver model XH150C053V280CNF1 only. Controller must ”make” relay contact within - 1.5 ms (1.5 ms before, 0 ms after) of zero voltage. Condition may occur on either the positive or negative portions of the ac wave. This CoA is only valid for following type:
RTS3T – (Standard DC or Bi-Stable Coil only, intransparent cover only).

11. Test results for Electronic Ballast with ratings 480Vac, 3A (peak current: 202A, pulse width: 0.4ms) are for use with near-zero crossing controllers and valid when the load is based on max 8pcs of Philips driver model XH150C120V150KPF1 only. Controller must ”make” relay contact within - 1.5 ms (1.5 ms before, 0 ms after) of zero voltage. Condition may occur on either the positive or negative portions of the ac wave. This CoA is only valid for following type: RTS3T – (Standard DC or Bi-Stable Coil only, intransparent cover only).

12. RT940009 and RT940016 where tested for a B600 rating. The clearance and creepages for 600V applications have to be investigated in the end use application. Clearance and Creepages where evaluated for a PD2 environment and a min. material group of 3a or b.

13. For types RT*(4;E)*(2;4;6)*(4;5) ***(all coil voltages; trimetal and solid contacts) by using the 10A@105°C or the 12A@85°C NO or NO of CO Carry current only.





APPLICABLE REQUIREMENTS

CAN/CSA-C22.2 No. 0-10	-	General Requirements – Canadian Electrical Code, Part II
CAN/CSA-C22.2 No. 14-18	-	Industrial Control Equipment
UL Std No 508 (18th Edition)	-	Industrial Control Equipment

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