

Certificate of Compliance

Certificate: 2628502 **Master Contract:** 165071 (012730_C_000)

Project: 70215080 **Date Issued:** 2019-02-26

Issued to: Siemens AG

DF CP R&D VC 2

Werner-von-Siemens-Strasse 48

Amberg, Bayern 92224

GERMANY

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



Issued by: J.-C. Chow J.-C. Chow

PRODUCTS

CLASS - C321103 - INDUSTRIAL CONTROL EQUIPMENT-Motor Controllers - Auxiliary Devices CLASS - C321123 - INDUSTRIAL CONTROL EQUIPMENT-Motor Controllers - Auxiliary Devices

Industrial Relays, Series 3TH, open type, with the following ratings:

Types 3TH20... or 3TH21..., coil voltage 600 Vac max, 250 Vdc max, contacts 10 A, 240 Vac, code rated A600, Q300.

Types 3TH20.., with suffixes -3., -6., and -7., coil voltage 300 Vac max, 250 Vdc max, contacts 10 A, 240 Vac, code rated A300, Q300.

Types 3TH22..-0., -1., -4. and -5., coil voltage 600 Vac, 250 Vdc max, contacts 10 A, 240 Vac, code rated A600, Q300 for basic device, A300, Q300 for auxiliary contact block.

Notes:

- 1. The types provided with male quick-connect terminals are suitable for use only with female quick-connect terminals with pre-insulated grip.
- 2. The type designations may be complete with suffixes indicating shape of contacts, terminal design, mounting, coil design and voltage etc.
- 3. Certified as component for use only in certified equipment where the acceptability of the combination is to be determined by CSA.

DQD 507 Rev. 2018-11-12



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Nomenclature Breakdown

3TH I	20 II	40 - 0 III r	
I	3TH	Basic Type	
II	Size 20 21 22	4 pole 8 pole 8 pole	

III Contact Arrangement

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31 or 81	3 normally open, 1 normally closed
22 or 82	2 normally open, 2 normally closed
80	8 normally open
71	7 normally open, 1 normally closed
62	6 normally open, 2 normally closed
53	5 normally open, 3 normally closed
44	4 normally open, 4 normally closed
13	1 normally open, 3 normally closed

4 normally open

IV Type of Terminal and Type of Mounting

- 0 screw terminal and snap mounting
- 1 quick connect terminal 2 x 2.8 mm and snap-mounting
- 3 quick connect terminal 1 x 6.3 mm and snap-mounting
- 4 screw terminal and screw mounting
- 5 quick connect terminal 2 x 2.8 mm and screw mounting
- 6 solder pin terminal and screw mounting
- 7 quick connect terminal 1 x 6.3 mm and screw mounting

for 3TH2082 only, quick connect terminals 1 x 6.3 mm or 2 x 2.8 mm

V Coil Assembly

- A ac coil, 3 W
- B dc coil. 3 W
- C dc coil, 3 W, with integrated damping diode and reverse voltage diode
- D dc coil, 2W
- E dc coil, 2 W, with integrated damping diode and reverse voltage diode
- F dc coil, 1.2 W
- G dc coil, 1.2 W, with integrated damping diode
- H dc coil, 3 W, manufacturer's identification code
- J dc coil, 2W, with integrated damping diode
- K dc coil, 1.2 W, with integrated damping diode and reverse voltage diode
- L dc coil, 2 W, with integrated varistor across-the-line
- M dc coil, 1.2 W, with integrated varistor across-the-line
- N dc coil, 3 W, with integrated varistor across-the-line
- P ac coil, 3 W, with integrated varistor across-the-line
- Q ac coil, 3 W, with integrated bridge-rectifier



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R dc coil, 2 W, with integrated damping diode and zener diode

S dc coil, 3 W, manufacturer's identification code T dc coil, 3 W, with integrated bridge-rectifier U dc coil, 3 W, with integrated damping diode

APPLICABLE REQUIREMENTS

CSA-C22.2 No. 14-18 Industrial Control Equipment

CAN/CSA-C22.2 No. 60947-1-13 Low-Voltage Switchgear and Controlgear - Part 1: General rules CAN/CSA-C22.2 No 60947-5-1-14 Low-Voltage Switchgear and Controlgear - Part 5-1: Control circuit

devices and switching elements - Electromechanical control circuit device



Supplement to Certificate of Compliance

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The products listed, including the latest revision described below, are eligible to be marked in accordance with the referenced Certificate.

Product Certification History

Project	Date	Description
70215080	2019-02-26	Update of Types 3TH220/-1/-4/-5 with code rating: A600, Q300 (for basic device), A300, Q300 (for aux. contact block), to CSA-C22. 2 No 14-18 (Cert. Notice - Ind. Ctrl. Equip. No. 60), and Products listing Class 3211 23 (CAN/CSA-C22.2 Nos. 60947-1-13 and 60947-5- 1-14).
2628502	2013-05-21	Addition of alternate: designation (suffixes: 81, 82), type of terminals (3TH2082 only), plastic (various parts), update plastic manufacturer, optional tin-plated parts, and to CSA-C22.2 No. 14-10. <i>Report 165071-2628502 supersedes Report LR12730-342</i> .
LR 12730-348	1996-02-21	Update to cover alternative construction.
LR 12730-342	1995-01-18	Industrial relays, Types 3TH20, 3TH21 and 3TH22. (<i>REPORT LR 12730-342 WAS SUPERSEDED BY REPORT 165071-2628502</i>)