



Certificate of Compliance

Certificate: 2117043

Master Contract: 165071

Project: 80067822

Date Issued: 2021-01-14

Issued To: Siemens AG
SI EP R&D TC 1
Werner-von-Siemens-Strasse 48
Amberg, Berlin, 92224
Germany

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

Issued by: *Carlos Frazao*
Carlos Frazao



PRODUCTS

CLASS - C321104 - INDUSTRIAL CONTROL EQUIPMENT Motor Controllers - Magnetic

CLASS - C321124 - INDUSTRIAL CONTROL EQUIPMENT Motor Controllers-Magnetic

Contactors, Series 3TG10, 6ED10 or 5TT3, with following ratings. For types with 6.3mm quick-connect terminal and non-insulated female connector, the voltage rating may be reduced to 300 Vac max.

Horsepower rating:

<u>Voltage</u>	<u>1-ph</u>	<u>3-ph</u>
115 V	1/2 hp	-
200 V	1 hp	3 hp
230 V	1-1/2 hp	3 hp
460 V	-	5 hp
575 V	-	5 hp

Main contacts, general use rating:

Types 3TG10..-0., 6ED10 or 5TT3 (screw terminal): 20 A, 600 Vac

Type 3TG10..-1. (6.3 mm quick-connect terminal with insulated female connector): 16 A, 600 Vac

Type 3TG10..-1. (6.3 mm quick-connect terminal with non-insulated female connector): 16 A, 300 Vac



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Auxiliary contacts rating:

Types with screw terminal and 6.3mm quick-connect terminal with insulated female connector: A600, Q300; and 240 Vac, 10 A general use

Types with 6.3mm quick-connect terminal with non-insulated female connector: A300, Q300; and 240 Vac, 10 A general use

Coil rating: 24 to 240 Vac max; 12 or 24 Vdc

Short-circuit rating: 5 kA, 600 V when protected by 40 A Fuse Class K5, RK5 or J

Notes:

1. The type designation may be completed with suffixes indicating contact arrangements, terminal design, mounting, etc.
2. Certified as component for use only in Certified equipment where the acceptability of combination is to be determined by CSA.

Nomenclature Breakdown I

3TG10 01 - 0A .. -.....
I II III IV V

I Basic Type
3TG10 contactor

II Contact Arrangement
01 1 auxiliary contact normally closed
10 1 auxiliary contact normally open

III Operating System and terminals
0A ac operating system with screw terminal
0B dc operating system with screw terminal
1A ac operating system with 6.3mm quick-connect terminal
1B dc operating system with 6.3mm quick-connect terminal
2A ac operating system with fourfold 2.8mm quick-connect terminal and 6.3 mm quick-connect terminal for main circuit
3A ac operating system with fourfold 2.8mm quick-connect terminal and slotted 6.3 mm quick-connect terminal for main circuit

IV Coil voltage
.. 24 through 240 V ac; 12 or 24 V dc

V -..... indicates manufacturer's identification code



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Nomenclature Breakdown II

6ED10 57 - 4EA ..-....
I II III IV

- I Basic Type
6ED10 for use with programmable controller
- II Contact Arrangement
57 1 auxiliary contact normally open
- III Operating System and terminals
4EA ac operating system with screw terminal
4CA dc operating system with screw terminal
- IV ..-... indicates manufacturer's identification code

Nomenclature Breakdown III

5TT3 983
I II

- I Basic Type
5TT3 contactor for special customer
- II Operating System, terminals, contact arrangement
983, 984 or 985 ac operating system, screw terminal, 1 NO contact
987, 988 or 990 ac operating system, screw terminal, 1 NC contact
986 dc operating system, screw terminal, 1 NO contact
991 dc operating system, screw terminal, 1 NC contact

APPLICABLE REQUIREMENTS

- CSA-C22.2 No. 14-18 - Industrial Control Equipment (13th edition published March 2018)
- CSA-C22.2 No 60947-1-13 - Low-Voltage Switchgear and Controlgear - Part 1: General rules (2nd edition revised July 31, 2013)
- CSA-C22.2 No 60947-4-1-14 - Low-Voltage Switchgear and Controlgear - Part 4-1: Contactors and motor-starters - Electromechanical contactors and motor-starters (2nd edition revised October 17, 2017)



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
80067822	2021-01-14	FIR follow-up, update of Report 2117043 (Contactors 3TG10) for non-conformance issues noted in (FC# 271032) FIR dated July 2, 2020 to add an alternate plastic material 6 Ultramid A3X2G5. Including, update to CSA C22.2 No. 14-18, according to CSA Certification Notice – Industrial Control Equipment No. 60 and CSA C22.2 No. 60947-1-13 and CSA C22.2 No. 60947-1-14, in accordance with CSA Certification Informs – Industrial Control Equipment No. 39
0002738769	2014-06-20	Addition of 12Vdc coil, alternate plastic (covers), diode (bridge rectifier-coil assembly), CSA Class 3211-24; deletion 600V/3-ph/5hp rating; minor typo corrections (descriptive nomenclature and dimensions of parts).
0002117043	2009-04-07	Addition of alternate quick-connect terminals, short-circuit rating, alternative polymeric materials and nomenclature breakdown update. Report 165071-2117043 supersedes report LR 12730-347.

History

LR 12730-410	1999-01-15	Addition of new contactor Series 5TT3.
LR 12730-387	1997-11-26	Update to cover alternative construction.
LR 12730-372	1997-06-04	Update to cover Series 6ED10.
LR 12730-356	1996-08-07	Update to cover alternate construction.
LR 12730-347	1996-10-11	Contactors Series 3TG10. (Report LR 12730-347 is superseded by report 165071-2117043)