



# Certificate of Compliance

**Certificate:** 1736916

**Master Contract:** 165071

**Project:** 80076492

**Date Issued:** 2021-04-21

**Issued To:** Siemens AG  
SI EP R&D TC 1  
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 3211 04 - INDUSTRIAL CONTROL EQUIPMENT - Motor Controllers - Magnetic

CLASS 3211 24 - INDUSTRIAL CONTROL EQUIPMENT - Motor Controllers - Magnetic

AC Vacuum Contactors, Type 3TF6944-0C, -1D, -1Q, -8C, -8D, or-8Q, 3-phase rated: 820 A, 600 Vac; 290 hp, 200 Vac; 350 hp, 230 Vac; 700 hp, 460 Vac; 860 hp, 600 Vac. Coil voltage: 600 Vac max. Auxiliary contacts code rated: A600, P600. Short-circuit rating: 42 kA rms sym at 600 Vac, when protected by 2000A max Class L fuses.

## **Notes:**

1. The type designation may be completed with suffixes indicating number and design of auxiliary contacts.
2. Open type Certified for use in equipment where the acceptability of the combination is to be determined by CSA Group.



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### Nomenclature Breakdown

|     |                  |   |   |    |
|-----|------------------|---|---|----|
| 3TF | 69               | 44  | - | 0C |
| I   | II               | III   |   | IV |
| I   | 3TF              | Basic Type  |   |    |
| II  | 69               | Size  |   |    |
| III | Auxiliary switch |   |   |    |
|     | 22               | 2 NO + 2 NC   |   |    |
|     | 33               | 3 NO + 3 NC   |   |    |
|     | 44               | 4 NO + 4 NC   |   |    |
| IV  | Operating system |   |   |    |
|     | 0C               | DC coil operated by AC input  |   |    |
|     | 1D               | DC operated by DC input + control contactor 3TC4417-4A  |   |    |
|     | 1Q               | DC coil operated with integrated bridge rectifier for AC input + control contactor 3TC4417-0B via a Certified connector Series Mate-N-Lock manufactured by Tyco                                   |   |    |
|     | 8C               | DC coil operated by AC input with alternate snubber electronic  |   |    |
|     | 8D               | DC operated by DC input + control contactor 3TC4417-4A with alternate snubber electronic  |   |    |
|     | 8Q               | DC coil operated with integrated bridge rectifier for AC input + control contactor 3TC4417-0B via a Certified connector Series Mate-N-Lock manufactured by Tyco with alternate snubber electronic |   |    |

### APPLICABLE REQUIREMENTS

|                                |   |
|--------------------------------|---|
| CSA C22.2 No. 14-18            | Industrial Control Equipment (Thirteenth Edition: March 2018)   |
| CAN/CSA C22.2 No. 60947-1-13   | Low-Voltage Switchgear and Controlgear - Part 1: General rules (Second Edition: July 31, 2013)  |
| CAN/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 (Second Edition: 4 April 2014) |