



Certificate of Compliance

Certificate: 1588191 (012730)

Master Contract: 165071

Project: 70054630

Date Issued: 2016-01-07

Issued to: Siemens AG
DF CP R&D VC 2
Werner-von-Siemens-Strasse 48
Amberg, 92224
GERMANY

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



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

PRODUCTS

CLASS - C321104 - INDUSTRIAL CONTROL EQUIPMENT-Motor Controllers - Magnetic

CLASS - C321124 - INDUSTRIAL CONTROL EQUIPMENT-Motor Controllers-Magnetic-

Open type, Magnetic motor controllers Types 3TF46, and 3TF47, followed by 11, 22, 33 or 44, followed by -0A, -0B, -0D, -0X, -1X, -3M, -4M, -5M, -0L, -0E, -0H, -1E, -1A, -6M or -8A may be followed by a letter and a number, may be followed by 1 or 7.

Type 3TF46, horsepower rating:

Voltage (ac)	1-ph, 2-poles breaking (hp)	3-ph, 3-poles breaking (hp)	Full Load Current (A)
115 V	5	-	52
200 V	7-1/2	17	52
230-240 V	10	20	52
460-480 V	-	41	52
575-600 V	-	50	52

Type 3TF47, horsepower rating:

Voltage (ac)	1-ph, 2-poles breaking (hp)	3-ph, 3-poles breaking (hp)	Full Load Current (A)
115 V	5	-	68
200 V	10	21	68
230-240 V	15	25	68



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460-480 V	-	52	68
575-600 V	-	66	68

Main contacts: 600 V ac, 80 A, general purpose, for 3TF46 and 3TF47

Auxiliary contacts: A600, P600

Coil ratings: 24 through 600V ac; 24 through 250V dc

Short-circuit ratings: 10kA at 600V, when protected by Max Fuse Class RK5, K5, J or CC, 200 A for Type 3TF46, 250 A for Type 3TF47

Notes:

1. Certified for use in equipment where the acceptability of the combination is to be determined by CSA.
2. The 3TF46 contactor was tested for 50 operations overload at 550A, 615V ac, inductive load and 100,000 operations endurance at 80A, 615V ac, inductive load.

Nomenclature Breakdown

3TF46	22	-	0A	MO	1
I	II		III	IV	V

I Basic Type
 3TF46
 3TF47

II Auxiliary Switch
 11 1 N.O. + 1 N.C. (see #Note)
 22 2 N.O. + 2 N.C.
 33 3 N.O. + 3 N.C.
 44 4 N.O. + 4 N.C.

III Operating system
 0A AC operated
 0D AC operated with internal bridge rectifier
 3M, 4M AC operated, auxiliary switches and coil terminals provided with 2.8 mm double quick-connect terminals
 5M, 6M DC operated, auxiliary switches and coil terminals provided with 2.8 mm double quick-connect terminals
 0L DC coil assembly with overvoltage limiter
 0B DC operated
 1E, 0E AC operated and coil driver unit 3TX7462
 0H AC operated (manufacturer's code VW)
 1A AC operated (manufacturer's code KWU)
 8A AC operated (manufacturer's code OTIS)
 0X Same as 0A, indicates manufacturing location
 01X Same as 0D

IV Indicates rated coil voltage



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- V Suffix Letters and/or numbers specifies commercial variations
- Non NEMA size
 - 1 NEMA size 2
 - 7 Manufacturer's identification code

#Note: The Auxiliary switch mounted on the right side is the same as on the left side except without any markings and terminals - Dummy without function.

APPLICABLE REQUIREMENTS

- | | | |
|--------------------------------|---|--|
| CSA-C22.2 No. 14-13 | - | 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. 60947-4-1-14 | - | Low-Voltage Switchgear and Controlgear - Part 4-1: Contactors and motor-starters - Electromechanical contactors and motor-starters |