



Certificate of Compliance

Certificate: 2049843 **Master Contract:** 165071 (012730_C_000)
Project: 70139854 **Date Issued:** 2017-06-21
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

AC Contactors, open type, with the following ratings:

Voltage	Type 3TW128		Types 3TB40, 3TF40		Types 3TB41, 3TF41	
	1-ph	3-ph	1-ph	3-ph	1-ph	3-ph
115 V	1/2 hp	--	1 hp	--	1 hp	--
200 V	2 hp	3 hp	2 hp	3 hp	2 hp	3 hp
230 V	2 hp	3 hp	2 hp	3 hp	2 hp	3 hp
460 V	--	5 hp	--	5 hp	--	7-1/2 hp
575 V	--	7-1/2 hp	--	7-1/2 hp	--	10 hp

For use in 2-phase of a 3-phase circuit:

Voltage	3TB4002, 3TF4082	3TF4102, 3TF4082	3TB4104, 3TF4184
	2-ph	2-ph	2-ph
115 V	1 hp	2 hp	3 hp
230 V	2-1/2 hp	3 hp	5 hp
460 V	5 hp	5 hp	--
575 V	5 hp	5 hp	--



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General Use Ratings (Main Contacts): 20 A, 600 Vac, for Types 3TW128, 3TB40, 3TF40, 3TB41, 3TF41

Max Operating Coil Voltage:	Suffixes:
600 Vac	0A, 1A, 2A or 4M
250 Vac	0B, 2B or 5M
250 Vac/dc	3B or 6M
250 Vdc	3M or 0L
30 Vdc	4B, 6B, 1M or 2M

Auxiliary Contacts:	For Types:
B600, Q600	3TB40, 3TB41, 3TF40 and 3TF41, with suffix 1M through 6M
B600	3TW1285
A600, P600	All other Types
5 A, 600 Vac	General purpose

Reversing Contactors, Types 3TD40 and 3TD41: identical to 3TF40 and 3TF41 respectively.

Notes:

1. The type designations are completed with letters and numbers indicating whether open or enclosed, with or without thermal overload relay, number and design of auxiliary contacts, operating coil voltage, etc. The letters "CAN" may be added to the type designation.
2. Certified for use in other equipment where the acceptability of the combination is to be determined by CSA.
3. Supplied with or without thermal overload relays.
4. The auxiliary contact terminals and coil terminals of contactors with suffix "M" consist of double quick-connect male terminals.
5. For voltages above 300 V used same polarity.

Nomenclature Breakdown: 3TB..., 3TF..., 3TW...

3TB	40	10	-	0A
I	II	III		IV

I	Basic Model No
	3TB or 3TF Contactor
	3TW Starter

II	Size
	12 Size 00 Special Type for Starter
	42 Size 00 Special Type for Starter
	40 Size 00
	41 Size 0

III	Auxiliary contact arrangement for devices with 3 main contacts normally open
	3TB40/41:



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- 10 1 normally open, 4 pole single deck
- 11 1 normally closed, 4 pole single deck
- 12 1 normally open and one normally closed, 5 pole double deck
- 17 2 normally open and two normally closed, 7 pole double deck
- 18 3 normally open and one normally closed, 7 pole double deck
- 16 3 normally open and two normally closed, 8 pole double deck

3TF40/41:

- 10 1 normally open, 4 pole single deck
- 01 1 normally closed, 4 pole single deck
- 11 1 normally open and 1 normally closed
- 22 2 normally open and 2 normally closed
- 31 3 normally open and 1 normally closed
- 32 3 normally open and 2 normally closed

III Auxiliary contact arrangement for devices with 4 main contacts normally open

3TB40/41:

- 14 1 normally open and one normally closed

3TF40/41:

- 80 1 normally open and one normally closed

III Contact arrangement for devices “For use in 2 phases of a 3-phase circuit” (without auxiliary contacts)

3TB40/41:

- 02 2 main contact open and 2 main contact closed
- 04 2 main contact (2 single contact parallel) open and 2 main contact (2 single contact parallel) closed

3TF40/41:

- 82 2 main contact open and 2 main contact closed
- 84 2 main contact (2 single contact parallel) open and 2 main contact (2 single contact parallel) closed

III Auxiliary contact arrangement for Type 3TW12/3TW42:

- 80 1 normally open
- 82 1 normally open and 1 normally closed
- 85 1 normally open, special arrangement for 3TW1285 only
- 87 2 normally open and 2 normally closed

IV Operating System

- 0A ac coil assembly
- 0B dc coil assembly
- 4B varistor connected to the 24 Vdc coil assembly, rated power = 4.9 W
- 6B varistor connected to the 24 Vdc coil assembly, rated power = 5.5 W
- 1A indicates Listing with ac coil assembly for starters
- 4M ac coil assembly and 2.8 mm quick-disconnect control terminals
- 5M dc coil assembly and 2.8 mm quick-disconnect control terminals
- 6M indicates a control voltage with integrated bridge rectifier and dc coil, 2.8 mm quick-disconnect control terminal

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- 8M varistor connected to the dc coil and 2.8 mm quick-disconnect control terminals
- 3B dc coil assembly with integrated bridge connected rectifier
- 1M varistor connected to the 24 Vdc coil assembly rated power = 5.5 W and 2.8 mm quick-disconnect control terminals
- 2M varistor connected to the 24 V dc coil assembly rated power = 4.9 W and 2.8 mm quick-disconnect control terminals
- 3M universal overvoltage limiter integrated to the ac coil assembly 275 Vac max and 2.8 mm quick-disconnect terminals
- 5K dc coil integrated varistor Type S10V or S07K manufactured by Siemens
- 0L dc coil with integrated varistor Type S14K or S07K manufactured by Siemens

Nomenclature Breakdown: 3TD4...

3TD4 0 02 - 0A
I II III IV

I Basic Type

3TD4 Reversing contactor

II Size

Size 0 Consists of two 3TF40

Size 1 Consists of two 3TF41

III Auxiliary contact

02 2 NO and 2 NC

01 1 NO and 1 NC

00 1 NC

IV Operating System

0A AC coil assembly, without interconnections

2A same as OA, with interconnections

0B DC coil assembly, without interconnections

2B same as OB, with interconnections

OL same as OB, with interconnections, manufacturer's identification

APPLICABLE REQUIREMENTS

CSA-C22.2 No. 14-13

CAN/CSA-C22.2 No. 60947-1-13

CAN/CSA-C22.2 No. 60947-4-1-14

Industrial Control Equipment

Low-Voltage Switchgear and Controlgear - Part 1: General rules

Low-Voltage Switchgear and Controlgear - Part 4-1: Contactors and motor-starters - Electromechanical contactors and motor-starters