

# Certificate of Compliance

**Certificate:** 1033838 (LR 056745)

**Master Contract:** 173766

**Project:** 1531429

**Date Issued:** May 27, 2004

**Issued to:** ABB Entrellec Control Division  
 10, Rue Ampere  
 Zone Industrielle  
 B.P. 114  
 69 685 Chassieu Cedex  
 FRANCE

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




**Authorized by:** G. Foulem

## PRODUCTS

3211 04 - INDUSTRIAL CONTROL EQUIPMENT - Motor Controllers - Magnetic

Contactors, open type, coil voltages 600 Vac 50/60 Hz or less, 250 Vdc or less (AE Types); 48-130 Vac/dc, 100-250 Vac/dc, 20-60 Vdc (AF Types), rated as tabulated below:

Type	Amps at 3-ph	HP 3-ph ac				HP 1-ph ac	
		200 V	240 V	480 V	600 V	120 V	230 V
A(E)26	40	7.5	10	20	25	2	5
A(E)30	50	10	10	25	30	3	7.5
A(E)40	60	10	15	30	40	3	7.5
A(E,F)50	80	15	20	40	50	3	10
A(E,F)63	90	20	25	50	60	5	10
A(E,F)75	105	25	30	60	75	7.5	15

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**Date:** August 28, 2003

Type	Electric Heating Control (A) 600 Vac 3-ph	Incandescent Lamp Control (A) 600 Vac 3-ph	Discharge Lamp Control (A) 600 Vac 3-ph
A(E)26	35	35	35
A(E)30	50	50	50
A(E)40	60	60	60
A(E,F)50	65	65	65
A(E,F)63	105	105	105
A(E,F)75	105	105	105

Type	Elevator Control (hp)			
	230 Vac 1-ph	220-240 Vac 3-ph	440-480 Vac 3-ph	550-600 Vac 3-ph
A40	5	10	20	20
A(E,F)50	7.5	15	30	30
A(E,F)75	10	20	30	40

Type	3-phase 3-pole break kVAr		
	240 V	480 V	600 V
UA26	12.5	25	30
UA40	16	32	40
UA50	20	40	50
UA75	27.5	55	70
UA26...R	11	22	27
UA30...R	13.5	27	35
UA50...R	25	50	62
UA63...R	27.5	55	70
UA75...R	32	64	80
UA26...RA	11	22	27
UA30...RA	13.5	27	35
UA50...RA	25	50	62
UA63...RA	27.5	55	70
UA75...RA	32	64	80

Contactors, open type, coil voltages 12 Vdc up to 250 Vdc:

Type	Amps at 3-ph	HP 3-ph ac				HP 1-ph ac	
		200 V	240 V	480 V	600 V	120 V	240 V
AL26	40	7.5	10	20	25	2	5
AL30	50	10	10	25	30	3	7.5
AL40	60	10	15	30	40	3	7.5

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Type	Electric Heating Control (A) <u>600 Vac 3-ph</u>	Incandescent Lamp Control (A) <u>600 Vac 3-ph</u>	Discharge Lamp Control (A) <u>600 Vac 3-ph</u>
AL26	35	35	35
AL30	50	50	50
AL40	60	60	60

Contactors, 4-pole, open type, coil voltages 600 Vac 50/60 Hz or less, 250 Vdc or less (AE Types), rated as tabulated below:

Type	Amps at 600 Vac 4-ph
A26	40
A(E,F)45	65
A(E,F)50	80
A(E,F)75	105

Type	Electric Heating Control (A) <u>600 Vac 3-ph</u>	Incandescent Lamp Control (A) <u>600 Vac 3-ph</u>	Discharge Lamp Control (A) <u>600 Vac 3-ph</u>
A26	35	35	35
A(E,F)45	65	65	65
A(E,F)50	65	65	65
A(E,F)75	105	105	105

Contactors, 4-pole, open type, coil voltages 12 Vdc up to 250 Vdc  
 Tabulated below:

Type	Amps at 600 Vac 4-ph
AL26-40	40

Type	Electric Heating Control (A) <u>600 Vac 3-ph</u>	Incandescent Lamp Control (A) <u>600 Vac 3-ph</u>	Discharge Lamp Control (A) <u>600 Vac 3-ph</u>
AL26-40	35	35	35

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DC-Contactors, 1-pole, open type, coil voltage 600 Vac, 50/60 Hz or less  
General Use DC control (A)

Type	220 - 440 Vdc	600 Vdc	1000 Vdc
GA(E)75	100	75	35

DC-Contactors 1-pole, open type, coil voltage 600 Vac 50/60 Hz or less .

Type	General Use Amps at 240 Vdc	HP at 120 Vdc	HP at 240 Vdc
A26	-	3	5
A30	-	3	7.5
A40	-	5	10
A50	-	7.5	15
A63	-	10	20
A75	-	10	25

Contactors, open type, coil voltages 12 Vdc up to 230 Vdc;

Type	Amps at 3-ph	HP 3-ph ac				HP 1-ph ac	
		200 V	240 V	480 V	600 V	120 V	240 V
TAL26	40	7.5	10	20	25	2	5
TAL30	50	10	10	25	30	3	7.5
TAL40	60	10	15	30	40	3	7.5

Type	Electric Heating Control (A) 600 Vac 3-ph	Incandescent Lamp Control (A) 600 Vac 3-ph	Discharge Lamp Control (A) 600 Vac 3-ph
TAL26	35	35	35
TAL30	50	50	50
TAL40	60	60	60

Notes:

- The type designation may be completed with numbers indicating number and type of auxiliary contacts and/or number of main contacts and with a letter indicating minor mechanical details.
- Contactors Types A26 (in 3-pole version), A30 and A40 are provided with one NO or NC auxiliary contact, code rated A600 P300.
- The contactors may be provided with side-mounted auxiliary contact units Type CAL5-11 with one NO and NC contact, code rated A600 Q300 or with front mounted auxiliary contact units Type CA5-10, with one NO contact, Type CA5-01, with one NC contact, Type CA5-13, CA5-22, CA5-31 or CA5-40, with four NC and/or NO contacts, each contact code rated A600 Q300.

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- 4 Contactors Types A(E)26, A(E)30 and A(E)40 may be provided with a mechanical/electrical interlock unit, connecting two contactors together to form a reversing contactor, Type VE5-1, with two auxiliary contacts code rated A600 Q300, or with a mechanical interlock unit Type VM5-1.
- 5 Contactors A(E)45, A(E,F)50, A(E,F)63, A(E,F)75 may be provided with a mechanical/electrical interlock unit, connecting two contactors together to form a reversing contactor, Type VE5-2, with two auxiliary contacts code rated A600 Q300.
- 6 The type designation of Types A(E)26, 30, 40 and (T)AL26, 30, 40 (3- and 4-pole versions) may be followed by letters RT for ring tongue terminals (not suitable as wire binding terminals).
- 7 Following contactors have been subjected to a special investigation mechanical endurance test of 500,00 operations (no load) with the last 5 operations making and breaking 3-phase motor load of twice nominal current, pf 0,4-0,5 for 3-phase hp ratings. The contactors are suitable for use in elevator drive service (contactor is not intended to make and break current) in accordance with Clause 19.2.2 of CSA B44.1/ASME A17.5-1996 as indicated below:

Type	HP at 200-208 Vac <u>3-ph</u>	HP at 220-240 Vac <u>3-ph</u>	HP at 440-480 Vac <u>3-ph</u>	HP at 550-600 Vac <u>3-ph</u>
A(E)26	7.5	10	20	25
A(E)30	10	10	25	30
A(E)40	10	15	30	40
A(E,F)50	15	20	40	50
A(E,F)63	20	25	50	60
A(E,F)75	25	30	60	75

- 8 The devices are Certified as components for use only in other Certified equipment where the suitability of the combination is determined by CSA International.

**APPLICABLE REQUIREMENTS**

CSA Std. C22.2 No. 0- M91	-	General Requirements
CSA Std. C22.2 No. 14 - 95	-	Industrial Control Equipment
CSA Std. C22.2 No. 190 - M1985	-	Capacitors for Power Factor Correction (Types UA..., UA...R and UA...RA only).

## *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

<b>Project</b>	<b>Date</b>	<b>Description</b>
1531429	May 27, 2004	- Update to report 1033838 to include Types TAL26, -30, -40, to add elevator control ratings to Types A(E,F)50, -63, -75, to include Types with ring torque terminals
1467443	August 28, 2003	CSA - Update to include Types AL26, AL30 and AL40, AL26-40, UA26-...RA, UA30-...RA, UA50-...RA, UA63-...RA, UA75-...RA.
1319846	July 12, 2002	CSA - Update to include Types AF45, AF50, AF63 and AF75
1153596	February 9, 2001	CSA - Update to include Type UA26...R, UA30...R, UA50...R, UA63...R and add dc-HP ratings to Types A26, A30, A40, A50, A63 and A75.
1153595	January 11, 2001	CSA - Update to include Types UA75...R and GA(E)75.
1033838	December 16, 1999	CSA - Supersedes Report LR 56745-19. Update to include Types AE26, AE30 and AE40.
LR 56745-24	September 30, 1998	CSA - Update to add elevator ratings to contactor Types A16 and A40.
LR 56745-23	June 3, 1998	CSA - Update to add Type UA26 and additional electrical ratings.
LR 56745-21	January 21, 1998	CSA - Update to add Types A26 and 4-pole Types A(E)45, A(E)50, A(E)63 and A(E)75.
LR 56745-20	July 30, 1997	CSA - Update to Report LR 56745-19.
LR 56745-19	March 26, 1997	CSA - Original Certification. Contactors Types A26, A30, A40, A(E)50, A(E)63, A(E)75, UA26, UA40, UA50, UA75. Superseded by Report 173766-1033838.