

# Certificate of Compliance

**Certificate:** 1041746 (LR 56745-20)

**Master Contract:** 173766

**Project:** 1252421

**Date Issued:** November 5, 2001

**Issued to:** ABB Control SA  
 10, Rue Ampere, Zone Industrielle  
 69685 Chassieu Cedex  
 FRANCE

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



*G. Foulem*

**Issued by:** G. Foulem, E.I.T.

**PRODUCTS**

CLASS 3211 04 - INDUSTRIAL CONTROL EQUIPMENT - Motor Controllers - Magnetic

Contactors, open type, coil voltages 600V ac or less, 50/60Hz, 250V dc or less (AE Types) rated as tabulated below:

Type	Amps at 600V ac 3-ph	HP 3-ph ac				HP 1-ph ac		
		200V	240V	480V	600V	120V	208V	230V
A(E)9	21	2	2	5	7.5	0.5	-	2
A(E)12	25	3	3	7.5	10	0.75	-	2
A(E)16	30	5	5	10	15	1.5	3	3

  

Type	Electric Heating Control (A)	Incandescent Lamp Control (A)	Discharge Lamp Control (A)
	600V ac 3-ph	600V ac 3-ph	600V ac 3-ph
A(E)9	15	15	15
A(E)12	15	15	15
A(E)16	20	20	20



Certificate: 1041746  
Project: 1252421

Master Contract: 173766  
Date: November 5, 2001

Type	Elevator Control (hp)			
	230V ac	220-240V ac	440-480V ac	550-600V ac
A16	1-ph 2	3-ph 5	3-ph 10	3-ph 10

Type	3-phase	3-pole break	KVArs
UA16...R	8.5	17	20

Contactors, 4-pole, open type, coil voltages 600V ac or less, 50/60Hz rated as tabulated below:

Type	Amps at 600V ac 4-ph
A9	21
A16	30

Type	General Use Amps at 240V dc	HP at 120V dc	HP at 240V dc
A9	-	1	2
A12	-	1.5	3
A16	-	2	3

Notes:

1. 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.
2. The contactors are provided with a NO or NC auxiliary contact code rated A600 P300.
3. 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 (See LR 56745-19).
4. Contactors 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. The devices are Certified as components for use only in other Certified equipment where the suitability of the combination is determined by the Canadian Standards Association.



Certificate: 1041746  
Project: 1252421

Master Contract: 173766  
Date: November 5, 2001

**CSA PRODUCT CLASS**

CLASS 3211 03 - INDUSTRIAL CONTROL EQUIPMENT - Motor Controllers - Auxiliary Devices

Industrial Relays, open type, coil voltages 600V ac or less, 50/60Hz,

- Types N22E, N31E, N40E, provided with 4 NO and/or NC contacts, code rated A600 Q300;
- Types N44E, N53E, N62E, N71E, N80E, provided with 8 NO and/or NC contacts, code rated A600 Q300.

Note: The devices are Certified as components for use only in other Certified equipment where the suitability of the combination is determined by the Canadian Standards Association.

**APPLICABLE REQUIREMENTS**

- |                             |   |  |
|-----------------------------|---|--|
| CAN/CSA-C22.2 No. 0-M91     | - | General Requirements - Canadian Electrical Code, Part II                                       |
| CAN/CSA-C22.2 No. 14-95     | - | Industrial Control Equipment   |
| CSA Std C22.2 No. 190-M1985 | - | Capacitors for Power Factor Correction (Types UA...(R) only)<br>Correction (Types UA...R only) |



### Supplement to Certificate of Compliance

Certificate: 1041746 (LR56745-20)

Master Contract: 173766

*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
1252421	Nov. 5, 2001	CSA – Update to report 173766-1041746 to add electrical ratings to Type A(E)16.
1041746	Dec. 16, 1999	Update to LR 56745-20 to include Types <sup>E</sup> AM9, AE12 and AE16. <i>Report 173766-1041745 supersedes Report LR 56745-20.</i>
LR 56745-20	July 30, 1997	Original Certification. <i>Report LR 56745-20 is superseded by Report 173766-1041746.</i>