

Certificate of Compliance

Certificate: 2050074

Master Contract: 209962

Project: 2050074

Date Issued: 2008-10-21

Issued to: Controls & Switchgear Contactors Limited
C-58, Phase-II
Noida, U.P.-201 305
INDIA

Attention: Mr. Rajesh Bhargava

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



Issued by: Sebastian George, P. Eng.

Authorized by: Jack Chin
Product Group Manager



PRODUCTS

CLASS 3211 03 - Industrial Control Equipment - Motor Controllers-Auxiliary Devices.

Motor Starters Type LE1D and BE1D with TC1D Contactors and TR2D Relays
The models as indicated below with their ratings.

Model No.	Contactor Type	Overload Relay Type	Max H.P.RATING						FLA @ 600V	Auxiliary Contact Rating	Short Circuit Rating @600V	Enclosure Size
			1 PHASE		3 PHASE							
			115V	230V	200V	230V	480V	600V				
LE1D09/BE1D09	TC1D09	TR2D09301-TR2D09314	0.5	1	2	2	5	7.5	9A	A600 (Max.600 V ac)	5,000 A ac	A
LE1D12/BE1D12	TC1D12	TR2D09301-TR2D12316	1	2	3	3	7.5	10	11A	A600 (Max.600 V ac)	5,000 A ac	A
LE1D18/BE1D18	TC1D18	TR2D09301-TR2D18321	1	3	5	5	10	15	17A	A600 (Max.600 V ac)	5,000 A ac	A
LE1D25	TC1D25	TR2D12316-TR2D25322	1.5	3	5	7.5	15	20	22A	A600 (Max.600 Vac)	5,000 A ac	B

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			1 PHASE		3 PHASE							
			115V	230V	200V	230V	480V	600V				
BE1D32	TC1D32	TR2D18321-TR2D32355	2	5	7.5	10	20	25	27A	A600 (Max.600 V ac)	5,000 A ac	B
BE1D40	TC1D40	TR2D40353-TR2D40355	3	5	10	10	30	30	32A	A600 (Max.600 V ac)	5,000 A ac	D
BE1D50	TC1D50	TR2D40353-TR2D40355	3	7.5	10	15	30	40	41A	A600 (Max.600 V ac)	5,000 A ac	D
BE1D65	TC1D65	TR2D40353-TR2D65361	5	10	15	20	40	50	52A	A600 (Max.600 V ac)	5,000 A ac	D
BE1D80	TC1D80	TR2D65361-TR2D95365	5	10	20	20	50	60	62A	A600 (Max.600 V ac)	10,000 A ac	D

Notes:

1. The above units are Certified as components for use only in other Certified equipment where the suitability of the combination is to be determined by CSA International.
2. LE1D Starters are for with polymeric enclosures, Size A or B as given below.

Size A: 120 mm by 160 mm by 88 mm
Size B: 135 mm by 185 mm by 101 mm
3. BE1D Starters are for with metallic enclosures, Size A, B or D as given below.

Size A: 116 mm by 214 mm by 123 mm
Size B: 135 mm by 252 mm by 156 mm
Size D: 160 mm by 318 mm by 258 mm
4. Suffix numbers 09, 12, 18, 25 may be added to the model number LE1D to denote the rating and their components.
5. Suffix numbers 09, 12, 18, 32, 40, 50, 65, 80 may be added to the model number BE1D to denote the rating and their components.

APPLICABLE REQUIREMENTS

CAN/CSA-C22.2.No 0-M91 - General Requirements – Canadian Electrical Code, Part II
CAN/CSA-C22.2 No.14-05 - Industrial Control Equipment



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

Project	Date	Description
2050074	2008-10-21	Report transferred from Master contract 228949-1680902 and to revise as per latest standard.