



CSA INTERNATIONAL

Certificate of Compliance

Certificate: 1067392 (LR 15332-96)

Master Contract: 165767

Project: 1067392

Date Issued: July 27, 2000

Issued to: ABB Schalt - und
Steuerungstechnik GmbH
Eppelheimer Strasse 82
69123 HEIDELBERG
GERMANY

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



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

Signature:

PRODUCTS

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

Electronic Overload Relays, open type, 600V ac, 3-phase, adjustable, manual and automatic reset, ambient compensated
Class 10, Class 20 and Class 30:

- Types E16DU, 0.32A to 18.9A in five setting ranges;
- Types E200DU, 65A to 200A in one setting range.
- Types E320DU, 96A to 320A in one setting range.
- Types E500DU, 150A to 500A in one setting range.
- Types E800DU, 240A to 800A in one setting range.
- Separate Mounting Unit, Type DB16, for use with electronic overload relay Type E16DU.

Notes:

1. The type designation may be completed with numbers indicating the setting range.
2. The relays Type E16DU are intended for use with Certified AC-contactors Types B(C)6, B(C)7, A9, A12 and A16. They are not intended for separate use when used with Certified mounting unit Type DB16. The relays Type E200DU are intended for use with Certified contactors Types A145 and A185 and for separate use;
 - Type E320DU for use with Certified contactors Types A210, A260 and A300 for separate use and;
 - Type E500DU for use with Certified contactors Types A400 and A460 for separate use and;
 - Type E800DU for use with certified contactors Types A580 and A750 and for separate use.



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- 3. The relays are provided with one NC and one NO control contact, code rated B600 Q300.
- 4. The relays are provided with phase-loss protection and unbalance protection.
- 5. The relays are suitable for use with Certified fuses, circuit breakers and motor circuit protectors as protective devices, as follows:

Setting Range	Short Circuit at 600V	Protective Device		
		Fuses Type K5, RK5	Circuit Breaker	Motor Circuit Protector
0.1 - 0.32A	5kA	2A		
0.3 - 1.0A	5kA	2A		
0.8 - 2.7A	5kA	4A		
1.9 - 6.3A	5kA	15A		
5.7 - 18.9A	5kA	30A		

- 6. The relays are suitable for use in circuits delivering high fault currents, when protected by Certified fuses, circuit breakers and motor circuit protectors as follows:

Setting Range	Short Circuit at 600V	Protective Device		
		Fuses Type K5, RK5	Circuit Breaker	Motor Circuit Protector
0.1 - 0.32A	35kA			
0.3 - 1.0A	35kA			
0.8 - 2.7A	35kA			
1.9 - 6.3A	35kA			
5.7 - 18.9A	35kA			

Setting Range	Short Circuit at 480V	Protective Device		
		Fuses Type K5, RK5	Circuit Breaker	Motor Circuit Protector
0.1 - 0.32A	50kA			
0.3 - 1.0A	50kA			
0.8 - 2.7A	50kA			
1.9 - 6.3A	50kA			
5.7 - 18.9A	50kA			



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7. The relays are Certified as component for use only in other Certified equipment, where the suitability of the combination has been 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