

**IEC SYSTEM FOR CONFORMITY TESTING
AND CERTIFICATION OF ELECTRICAL
EQUIPMENT (IECEE)
CB SCHEME**

**SYSTÈME CEI D'ESSAIS DE CONFORMITÉ
ET DE CERTIFICATION DES ÉQUIPEMENTS
ÉLECTRIQUES (IECEE)
METHODE OC**

**CB TEST CERTIFICATE
CERTIFICAT D'ESSAI OC**

Product
Produit

Electronic Motor Load and Liquid level regulating Monitoring relay

Name and address of the applicant
Nom et adresse du demandeur

ABB Stotz-Kontakt GmbH
Hauptstraße 12-16
D-78132 Hornberg, Germany

Name and address of the manufacturer
Nom et adresse du fabricant

ABB Stotz-Kontakt GmbH
Hauptstraße 12-16
D-78132 Hornberg, Germany

Name and address of the factory
Nom et adresse de l'usine

ABB Stotz-Kontakt GmbH
Hauptstraße 12-16
D-78132 Hornberg, Germany

Rating and principal characteristics
Valeurs nominales et caractéristiques principales

AC-15: 3 A, 230 Vac and DC-13: 2 A, 24 Vdc, IP 20

Trade mark (if any)
Marque de fabrique (si elle existe)



Model/type Ref.
Ref. de type

CM-LWN and CM-ENN Series, 2 x 1c/o or 1c/o+2nc, CM- SRN, CM-EFN,
CM-ESN and CM-ENN Series, 2c/o, CM- IWN Series, 1c/o, See appendix

Additional information (if necessary)
Information complémentaire (si nécessaire)

A sample of the product was tested and found
to be in conformity with
*Un échantillon de ce produit a été essayé et a été
considéré conforme à la*

as shown in the Test Report Ref. No.
which form part of this certificate
*comme indiqué dans le Rapport d'essais numéro
de référence
qui constitue une partie de ce certificat*

PUBLICATION

IEC 60947-1:1996+A1:1997 + A2:1998 +
IEC 60947-5-1:1997 + A1:1999 + A2:99

EDITION

2nd
2nd

139391-01A, 139391-01B, 139391-01C

This CB Test Certificate is issued by the National Certification Body
Ce Certificat d'essai OC est établi par l'Organisme National de Certification

Date 2005-07-07

Signature

Karina Christensen
Certification Manager

UL International Demko A/S
Lyskaer 8, P.O. Box 514
DK-2730 Herlev, Denmark
Telephone: +45 44856565
Fax: +45 44856500



An Affiliate of
**Underwriters
Laboratories Inc.®**

Internal Ref.:
Erik Hegelund

Appendix to CB-Certificate No. DK-8882

Utilization category	AC-15	DC-13																																																																																																															
Rated operational voltages U_e (V).....	AC: 230 V AC	DC: 24 V DC																																																																																																															
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Rated insulating voltage U_i (V).....	<table style="width: 100%; border: none;"> <tr><td>CM-SRN</td><td>1SVR450110R0000</td><td>400 V</td></tr> <tr><td>CM-SRN</td><td>1SVR450110R0100</td><td>-//-</td></tr> <tr><td>CM-SRN</td><td>1SVR450111R0000</td><td>-//-</td></tr> <tr><td>CM-SRN</td><td>1SVR450111R0100</td><td>-//-</td></tr> <tr><td>CM-SRN</td><td>1SVR450115R0000</td><td>-//-</td></tr> <tr><td>CM-SRN</td><td>1SVR450115R0100</td><td>-//-</td></tr> <tr><td>CM-SRN</td><td>1SVR450120R0000</td><td>-//-</td></tr> <tr><td>CM-SRN</td><td>1SVR450120R0100</td><td>-//-</td></tr> <tr><td>CM-SRN</td><td>1SVR450121R0000</td><td>-//-</td></tr> <tr><td>CM-SRN</td><td>1SVR450121R0100</td><td>-//-</td></tr> <tr><td>CM-SRN</td><td>1SVR450125R0000</td><td>-//-</td></tr> <tr><td>CM-SRN</td><td>1SVR450125R0100</td><td>-//-</td></tr> <tr><td>CM-EFN</td><td>1SVR450200R1100</td><td>-//-</td></tr> <tr><td>CM-EFN</td><td>1SVR450201R1200</td><td>-//-</td></tr> <tr><td>CM-ESN</td><td>1SVR450210R0000</td><td>-//-</td></tr> <tr><td>CM-ESN</td><td>1SVR450210R0100</td><td>-//-</td></tr> <tr><td>CM-ESN</td><td>1SVR450210R0200</td><td>-//-</td></tr> <tr><td>CM-ESN</td><td>1SVR450211R0000</td><td>-//-</td></tr> <tr><td>CM-ESN</td><td>1SVR450211R0100</td><td>-//-</td></tr> <tr><td>CM-ESN</td><td>1SVR450211R0200</td><td>-//-</td></tr> <tr><td>CM-ESN</td><td>1SVR450215R0000</td><td>-//-</td></tr> <tr><td>CM-ESN</td><td>1SVR450215R0100</td><td>-//-</td></tr> <tr><td>CM-ESN</td><td>1SVR450215R0200</td><td>-//-</td></tr> <tr><td>CM-ESN</td><td>1SVR450220R0000</td><td>-//-</td></tr> <tr><td>CM-ESN</td><td>1SVR450220R0100</td><td>-//-</td></tr> <tr><td>CM-ESN</td><td>1SVR450220R0200</td><td>-//-</td></tr> <tr><td>CM-ESN</td><td>1SVR450221R0000</td><td>-//-</td></tr> <tr><td>CM-ESN</td><td>1SVR450221R0100</td><td>-//-</td></tr> <tr><td>CM-ESN</td><td>1SVR450221R0200</td><td>-//-</td></tr> <tr><td>CM-ESN</td><td>1SVR450225R0000</td><td>-//-</td></tr> <tr><td>CM-ESN</td><td>1SVR450225R0100</td><td>-//-</td></tr> <tr><td>CM-ESN</td><td>1SVR450225R0200</td><td>-//-</td></tr> <tr><td>CM-ENN</td><td>1SVR450050R0000</td><td>500 V</td></tr> <tr><td>CM-ENN</td><td>1SVR450051R0000</td><td>-//-</td></tr> <tr><td>CM-ENN</td><td>1SVR450052R0000</td><td>-//-</td></tr> <tr><td>CM-ENN</td><td>1SVR450055R0000</td><td>-//-</td></tr> <tr><td>CM-ENN</td><td>1SVR450059R0000</td><td>-//-</td></tr> </table>		CM-SRN	1SVR450110R0000	400 V	CM-SRN	1SVR450110R0100	-//-	CM-SRN	1SVR450111R0000	-//-	CM-SRN	1SVR450111R0100	-//-	CM-SRN	1SVR450115R0000	-//-	CM-SRN	1SVR450115R0100	-//-	CM-SRN	1SVR450120R0000	-//-	CM-SRN	1SVR450120R0100	-//-	CM-SRN	1SVR450121R0000	-//-	CM-SRN	1SVR450121R0100	-//-	CM-SRN	1SVR450125R0000	-//-	CM-SRN	1SVR450125R0100	-//-	CM-EFN	1SVR450200R1100	-//-	CM-EFN	1SVR450201R1200	-//-	CM-ESN	1SVR450210R0000	-//-	CM-ESN	1SVR450210R0100	-//-	CM-ESN	1SVR450210R0200	-//-	CM-ESN	1SVR450211R0000	-//-	CM-ESN	1SVR450211R0100	-//-	CM-ESN	1SVR450211R0200	-//-	CM-ESN	1SVR450215R0000	-//-	CM-ESN	1SVR450215R0100	-//-	CM-ESN	1SVR450215R0200	-//-	CM-ESN	1SVR450220R0000	-//-	CM-ESN	1SVR450220R0100	-//-	CM-ESN	1SVR450220R0200	-//-	CM-ESN	1SVR450221R0000	-//-	CM-ESN	1SVR450221R0100	-//-	CM-ESN	1SVR450221R0200	-//-	CM-ESN	1SVR450225R0000	-//-	CM-ESN	1SVR450225R0100	-//-	CM-ESN	1SVR450225R0200	-//-	CM-ENN	1SVR450050R0000	500 V	CM-ENN	1SVR450051R0000	-//-	CM-ENN	1SVR450052R0000	-//-	CM-ENN	1SVR450055R0000	-//-	CM-ENN	1SVR450059R0000	-//-
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Herlev, 2005-07-07


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Appendix to CB-Certificate No. DK-8882

Utilization category	AC-15	DC-13
Rated operational voltages U_e (V).....	AC: 230 V AC	DC: 24 V DC
Rated operational currents I_e (A).....	AC: 3 A	DC: 2 A
Rated insulating voltage U_i (V).....	CM-IWN-DC 1SVR450065R0000 250 V	
	CM-IWN-AC 1SVR450071R0000 -//-	
	CM-IWN-AC 1SVR450075R0000 -//-	

Utilization category	AC-15	DC-13
Rated operational voltages U_e (V).....	AC: 230 V AC	DC: 24 V DC
Rated operational currents I_e (A).....	AC: 3 A	DC: 2 A
Rated insulating voltage U_i (V).....	CM-LWN 1SVR450330R0000 500 V	
	CM-LWN 1SVR450330R0100 -//-	
	CM-LWN 1SVR450331R0000 -//-	
	CM-LWN 1SVR450331R0100 -//-	
	CM-LWN 1SVR450332R0000 -//-	
	CM-LWN 1SVR450332R0100 -//-	
	CM-LWN 1SVR450334R0000 -//-	
	CM-LWN 1SVR450334R0100 -//-	
	CM-LWN 1SVR450335R0000 -//-	
	CM-LWN 1SVR450335R0100 -//-	
	CM-ENN up/down1SVR450050R0100 250 V	
	CM-ENN up/down1SVR450051R0100 -//-	
	CM-ENN up/down1SVR450052R0100 -//-	
	CM-ENN up/down1SVR450059R0100 -//-	

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