

# Type Approval Certificate



This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the GL Type Approval System.

Certificate No. 96 663 - 95 HH

Company ABB STOTZ - KONTAKT GmbH  
Hauptstraße 14-16  
78132 Hornberg, GERMANY

Product Description Measurement and control relays

Type CM-... and SRS, SRN, ESS, ESN, PFN, PVN, PFS, ASS, ASN, ENS, ENN, IWN, KRN  
LWN, MSN, MSS

Environmental Category D, EMC2

Technical Data / Range of Application

CM-SRS, SRS, CM-SRN, SRN	current measurement relays
CM-ESS, ESS, CM-ESN, ESN	voltage measurements relays
CM-PFS, PFS, CM-PVN, PVN, CM-PFN, PFN	three-phase supply control relays
CM-ASS, ASS, CM-ASN, ASN	three-phase supply control relays
CM-ENS, ENS, CM-ENN, ENN	liquid level control
CM-IWN, IWN	insulation control
CM-KRN, KRN	protection of sensitive contacts
CM-LWN, LWN	power factor monitor
CM-MSS, MSS, CM-MSN, MSN	thermistor motor protection relays

Supply Voltage: 24 V ... 500 V AC / DC  
Mains Frequency: 50 Hz ... 60 Hz  
Width: 22.5 and 45 mm  
Degree of Protection: Terminals IP 20 / Unit IP 50

Test Standard Regulations for the Performance of Type Test Part 1, Edition 2003

Documents CSA Report No. LR 12684-36 dated 16.08.1994  
Documentation and Catalogue 95/96 MEC\_0SER.DOC dated 12.09.1994  
Test Report: 2\_1 - WK dated 05-04-2004  
PT 00353/04 to PT 00357/04 dated 30-03-2004; PN-CM- dated 08-04-2004

Remarks None

Valid until 2014-07-22

Page 1 of 1

File No. I.K.04

Hamburg, 2009-07-24

Type Approval Symbol



Germanischer Lloyd

Jürgen Wittburg

Dariusz Lesniewski