

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. **25 842 - 05 HH**

Company **ABB STOTZ-KONTAKT GmbH**
Eppelheimer Straße 82
69123 Heidelberg, GERMANY

Product Description **Motor Protection Circuit Breaker**
with additional modules

Type **MS 116-xx**
HK1-xx, HKF1-11, SK1-xx, AA1, UA1

Environmental Category **C, EMC1**

Technical Data /
Range of Application **Motor Protection Circuit Breaker:**
MS 116-xx (current range 0.16 - 32.0 A)
Rated operational voltage Ue: up to 690V AC
Rated impulse withstand voltage Uimp: 6kV
Rated frequency: 50/60Hz
Degree of Protection: IP20 / Utilization category: AC-3

Short circuit making/breaking capacity and back-up fuses, see 'Technical catalog'

Auxiliary Switch Modules: HKF1-11, HK1-xx: utilization category: AC-15/DC-13
Signal Contact Modules: SK1-xx: utilization category AC-15/DC-13
Operating Current Release: AA1
Undervoltage Release: UA1 (only modules manufactured after week 28 of
year 2003, see indication on the module in the format YWWY)

Test Standard **Guidelines for the Performance of Type Approvals Part 2, Edition 2003**
IEC 60947-4-1:2000, 60947-5-1:1997; 60947-2 (2006) Annex H

Documents **Test reports: PAC 90/02; KEMA 2024892.50; KEMA 2024892.52**
Technical catalog: 2CDC001002C010; CB Certificate BE 2936; CB Certificate BE 2937

Remarks **None**

Valid until **2017-01-19**

Page **1 of 1**

Type Approval Symbol



File No. **I.L.02**

Hamburg, 2012-01-20

Germanischer Lloyd

Christoph Kutzner

Thomas Hartmann