

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. 42 988 - 02 HH

Company ABB AB
Control Products
Motorgränd 20
721 61 Västerås, SWEDEN

Product Description Power contactors with Electronic Coil Interface

Type AF400, AF460, AF580, AF750

Environmental Category C

Technical Data /
Range of Application Poles: 3
Conventional thermal current $I_{th}(40^{\circ}\text{C})$: 600 - 1050 A (AC-1)
Rated current I_e (400V): 400 - 755 A (AC-3)
Rated operational voltage U_e : 690 V AC
Rated insulation voltage U_i : 1000 V
Rated impulse withstand voltage U_{imp} : 8 kV
Rated frequency f_e : 50/60 Hz
Utilization category: AC-1, AC-3

Operational voltage U_c : 24 - 250 V AC/DC

Auxiliary contacts: 1(2)NO + 1(2)NC
Conventional thermal current I_{th} : 10 A
Rated impulse withstand voltage U_{imp} : 6 kV

Degree of protection: IP00

Test Standard Regulations for the Performance of Type Tests, Edition 2012, EMC2
IEC 60947-1:2007, IEC60947-4-1:2009

Documents Test report : SE-69481, SE-69485, SE-69492, SE-69493 dated 2012-06-26
Delta 020A07/ K360217 dated 2000-06-19, 1013773, dated 26.04.2010
0208170/1 dated 22.05.2002

Remarks None

Valid until 2019-02-24

Page 1 of 1

File No. I.K.03

Hamburg, 2014-02-25

Type Approval Symbol



Germanischer Lloyd

i.A.
Arne Schaarmann

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Harald Amberger

This certificate is issued on the basis of "Guidelines for the Performance of Type Approvals Part 1, Procedure".