

# 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. 20 263 - 04 HH

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

Product Description Power contactors with Electronic Coil Interface

Type AF1350, AF1650

Environmental Category C

Technical Data /  
Range of Application Poles: 3  
Conventional thermal current  $I_{th}(55^{\circ}\text{C})$ : 1350 - 1650 A (AC-1)  
Rated current  $I_e$  (400V/55°C): 860 - 1050 A (AC-3)  
Rated operational voltage  $U_e$ : 440 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  
Rated control circuit voltage  $U_c$ : 100 - 250 V AC/DC

Auxiliary contacts: 1(2)NO + 1(2)NC  
Rated control circuit voltage  $U_c$ : 24 - 690 V AC  
Conventional thermal current  $I_{th}$ : 16 A  
Rated impulse withstand voltage  $U_{imp}$ : 6 kV

Degree of protection: IP00

Test Standard Regulations for the Performance of Type Tests Edition 2012, EMC 2  
IEC 60947-1:2007, IEC60947-4-1:2009

Documents Test reports : SE-69482, SE-69483 dated 26.06.2012  
Semko 316185-4 dated 19.12.2003, DELTE 020A07 dated 19.06.2000  
Catalogue: 1SBC100129C0201

Remarks None

Valid until 2019-02-24

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File No. I.K.03

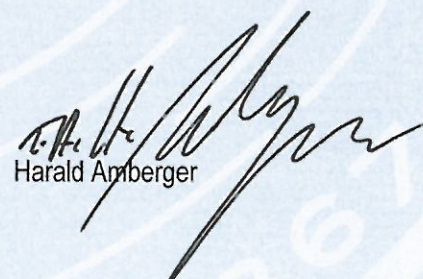
Hamburg, 2014-02-25

Type Approval Symbol



**Germanischer Lloyd**

i.A.   
Arne Schaarmann

  
Harald Amberger