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.	99 358 - 97 HH
Company	ABB AB Control Products Motorgränd 20 721 61 Västerås, SWEDEN
Product Description	Contactors
Type	A95 - 30 , A110 - 30
Environmental Category	A

Technical Data / Range of Application

Type	A95-30	A110-30
Maximum Rated voltage Ue:	1000 V AC	1000 V AC
Rated frequency:	50/60 Hz	50/60 Hz
Rated insulation voltage:	1000 V	1000 V
Main contacts		
Rated operarional current Ie (AC1):	135 A	145 A
Rated operational load		
utilization category AC3 (400 V):	45 kW	55 kW
utilization category AC3 (690 V):	55 kW	75 kW
utilization category AC3 (1000 V):	40 kW	40 kW
Auxiliary contacts		
Rated insulation voltage:	690 V	690 V
Thermal current rating:	10 A	10 A

Accessories: as listed in cataloque.

Test Standard	Regulations for the Performance of Type Tests, Edition 2012 IEC 60947-4-1:2007, IEC60947-4-1:2009
Documents	Test report : TR 96-002, TR 96-021, TR 96-022, TR 96-014, TR 96-023, TR SECRL/U 96-022 SE-69430 dated 20.06.2012, SE-69487 dated 20.06.2012 Cataloque 1SBC100129C0201
Remarks	None

Valid until 2019-02-24
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File No. I.K.03

Type Approval Symbol GL

Hamburg, 2014-02-25

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i.V. Harald Amberger

Germanischer Lloyd

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