

Type Approval Certificate

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

Manufacturer	ABB SpA
Address	Via Vittor Pisani 16, Milano MI, 20124
Place of Production	ABB SpA Via Ardeatina, 2491, Santa Palomba (RM), Italy, 00134
Type	Circuit Breakers (Non Env Tested)
Description	Residual current operated circuits-breakers with integral overcurrent protection (RCBO)
Trade Name	DS201 M 110V
Application	Marine applications
Specified Standard	LR Test Specification No.3: 2020 IEC 61009-1:2010 + AMD1:2012 + AMD2:2013 IEC 61009-2-1:1991
Ratings	Rated voltage: 230 VAC Rated current: 6, 10, 13, 15, 16, 20, 25, 32 or 40A Tripping characteristic: curve B or C Rated residual operating current : 30mA Type of RCBO: A Number of poles: 1P + N

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Rated residual making and breaking capacity: 6000A (for RCBOs with $I_n \leq 25A$)
or 4500A (for RCBOs with $I_n > 25A$)

Rated short-circuit capacity: 10000A

Ambient temperature: (with daily average $\leq 35C$): -25...+55C

Additional Tests

Vibration test: 0,1mm or 1g, 5Hz - 150Hz (IEC 60068-2-6: 2007 - Ed.7.0)

Shock test: 25g, 2 shocks, 13ms, positive and negative (IEC 60068-2-27: 2008 - Ed.4.0)

This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

The Design Appraisal Document LR21202917TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.