



## 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.

<b>Manufacturer</b>	<b>ABB Schweiz AG</b>
<b>Address</b>	Electrification Smart Buildings (ELSB), Fulachstrasse 150, Schaffhausen, 8201, Switzerland
<b>Type</b>	Circuit Breakers (Env Tested)
<b>Description</b>	Miniature circuit-breakers for overcurrent protection
<b>Trade Name</b>	Series S800P
<b>Application</b>	Marine, offshore and industrial applications for use in environmental categories ENV1 and ENV2 as defined in Lloyd's Register's Type Approval System, Test Specification Number 1 - 2021.
<b>Specified Standard</b>	IEC 60947-2:2016/AMD1:2019 Annex Q of IEC 60947-1:2020 and Appendix K GB/T 14048.1-2012
<b>Ratings</b>	Rated operational voltage (Ue): 240 V / 415 V Number of poles: 1P, 2P, 3P & 4P Rated current (In): 63 A up to 125 A Range of instantaneous tripping overcurrent: B, C, D & K Rated frequency: 50 Hz / 60 Hz Rated short-circuit capacity (Icu): 50 kA (240 V / 415 V) Rated service short-circuit current (Ics): 40 kA (240 V / 415 V) Rated insulation voltage (Ui): 690 V Rated impulse withstand voltage (Uimp): 6 kV

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Rated ambient temperature (ta): 30°C for B, C, D / 40°C for K

### Other Conditions

Derating factor of 80% is to be applied for marine applications.  
Further derating factors are to be obtained from the manufacturer.

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 HPC2362031-23/TW and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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