DNV·GL

Certificate No:
TAE000025X

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Miniature Circuit Breaker

with type designation(s)
S200 P

Issued to
ABB Stotz-Kontakt GmbH
HEIDELBERG, Germany

is found to comply with
DNV GL rules for classification – Ships, offshore units, and high speed and light craft

Application :

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.

Issued at **Hamburg** on **2017-08-02**
This Certificate is valid until **2022-08-01**.
DNV GL local station: **Augsburg**

Approval Engineer: **Thomas Hartmann**

for **DNV GL**

Duy Nam Le
Head of Section

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid.
The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

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Product description

Miniture Circuit Breakers for overcurrent protection for houshold and similar installations.

Type: S 20. P
Number of poles: 1; 1+N; 2; 3; 3+N; 4

Tripping characteristics:	B / C / D
Rated operation voltage (AC):	230 / 400 V *
Frequency:	50 - 60 Hz
Rated current:	6; 10 - 63 A trip. char. B 0.5 - 63 A trip. char. C 0.5 - 25 A trip. char. D
Breaking capacity Icn:	25 kA (0.5 A – 25 A 15 kA (32 A – 63 A)
Power factor:	0.2 - 0.25

* Suitable in a 415/240 V system.

Application/Limitation

The MCB's are tested with 1.1x Un and is therefore suitable in a 415/240 V system.

Type Approval documentation

Tests carried out

Tested according to IEC / EN 60898 "Circuit breakers for overcurrent protection for household and similar installations". Vibration test in according to IEC 60068-2-6 and shock in according to IEC 60068-2-27.

Marking of product

Product marking: ABB Stotz - Type designation

Periodical assessment

The scope of the periodical assessment is to verify that the conditions stipulated for the Type approval are complied with and that no alterations are made to the product design or choice of materials.
The main elements of the assessment are:

- Inspection on factory samples, selected at random from the production line (where practicable)
- Results from Routine Tests (RT) checked (if not available tests according to RT to be carried out)
- Review of type approval documentation
- Review of possible change in design, materials and performance
- Ensuring traceability between manufacturer's product type marking and Type Approval Certificate.

Periodical assessment is to be performed after 2 years and after 3.5 years. A renewal assessment will be performed at renewal of the certificate.
END OF CERTIFICATE