

TYPE APPROVAL CERTIFICATE

Certificate no.:
TAA0000292
Revision No:
2

This is to certify:

that the **Electrical Measuring and Protection Relay**

with type designation(s)
CM-ESS.1S/P, CM-ESS.2S/P, CM-ESS.MS/P, CM-EFS.2S/P

issued to

ABB Stotz-Kontakt GmbH
Heidelberg, Germany

is found to comply with

DNV 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.

Location classes:

Temperature	B
Humidity	B
Vibration	B
EMC	A
Enclosure	A

Issued at **Hamburg** on **2024-06-19**

This Certificate is valid until **2029-06-18**.

DNV local unit: **Augsburg**

Approval Engineer: **Dariusz Lesniewski**



for **DNV**

Digitally Signed By: Papanuskas, Joannis
Location: DNV SE Hamburg, Germany

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.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.

