



# TYPE APPROVAL CERTIFICATE

Certificate no.:  
**TAE00002T6**  
Revision No:  
**2**

**This is to certify:**  
**that the Socket Outlet**

with type designation(s)  
**SO-32A**

issued to  
**WISKA Hoppmann GmbH**  
**Kaltenkirchen, 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.**

**Rated voltage (V)      500 V**  
**Rated current (A)      32A**  
**Degree of protection   IP 56**

Issued at **Høvik** on **2024-07-03**

This Certificate is valid until **2029-07-02**.

for **DNV**

DNV local unit: **Hamburg**

Approval Engineer: **Uwe Supke**

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.



## Product description

CEE - Socket-outlets with switch and mechanical locking, Brass, IP 56

Type:	SO-32A
Rated voltage:	max. 500V AC
Frequency:	40-60Hz
Degree of protection:	IP56
Ambient temperature:	-25°C up to +45°C
Suitable for open deck:	Yes
Each CEE socket outlet:	3 pole + E, up to 500 V AC, 32 A, mechanical interlocked screw cap: brass or plastic

## Application/Limitation

Installation and operating instruction of the manufacturer to be followed.  
Can be used in combination with monitoring box MSD1 or MSB2

MSC.1/Circ.1352 should be taken into account when installing on a vessel if mandatory by the Administration.

## Type Approval documentation

### Tests carried out

Applicable tests according to DNV Class Guidelines DNV-CG-0339, Edition August 2021

### Marking of product

The products to be marked with:

- Manufacturer name
- Model name
- Serial number
- Power supply ratings
- Degree of protection

### 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