



TYPE APPROVAL CERTIFICATE

Certificate no.:
TAE00002T8
Revision No:
3

This is to certify:
that the Socket Outlet

with type designation(s)
VARITAIN PushIn, PushIn Advance and PushIn Rack

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)	32 A
Degree of protection	IP 56 /IP 67 (with and without protective cap, as well as with the plug inserted and locked)

Issued at **Hamburg** on **2026-03-05**

for **DNV**

This Certificate is valid until **2028-05-01**.

DNV local unit: **Hamburg – CMC North/East**

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 USD 300 000.

Product description

Socket-Outlet-System for reefer containers with power on LED light

Type "VARITAIN PushIn"
with max. 11 outlets for fixed installation

Rated voltage: max. 500V AC
Frequency: 40-60Hz
Degree of protection: IP56 / IP67 (with and without protective cap, as well as with the plug inserted and locked)

Ambient temperature: -25°C up to +45°C
Suitable for open deck: Yes
Each CEE socket outlet: 3 pole + E, max. 500V AC, 32 A
with circuit breaker WISKA- MCCB-....
and mechanical interlocking.

Rated short circuit making and breaking capacity:

- WISKA- MCCB-10kA lcm/lcu: 400V/105/50kA, 440V/17/10kA, 500V/17/10kA
- WISKA- MCCB-25kA lcm/lcu: 400V/105/50kA, 440V/52,2/25kA, 500V/17/10kA
- WISKA- MCCB-10kA, -25kA + CL-PKZ0 lcm/lcu: 400V/220/100kA, 440V/220/100kA

Material of casing: stainless steel W.N. 1.4301(SUS 304) coated or 1.4571 (SUS 316) or higher grade

Application/Remark

Installation and operating instruction of the manufacturer to be followed.

The TA was carried out according to DNV Class Guideline DNV-CG-0339.

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

Type Approval documentation

[Paconsult report 13-5015:2013-04-09](#)

[Paconsult Test report No. 21DE-00301, dated 2022-04-27](#)

[Wiska report PP20130403-02:2013-04-10; ECOPP06: 2007-06-19](#)

[Description VaritainPI_dt-rev 2013-04-11](#)

Tests carried out

Applicable tests according DNV GL Class Guideline DNV-CG-0339.

IEC 60529:2001, IEC 60309:2012, ISO 1496-2: 2008

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