

## **PushIn Mobile Splitter** for Reefer Container Sockets

## Enlargement of reefer capacity at its safest

To maximize the capacity of existing reefer container sockets, WISKA offers a safe and easy-to-use mobile splitter. Compared to most conventional mobile solutions, PushIn Mobile Splitter makes sure that the socket is not under power when the plug is inserted or disconnected. It is an internationally standardized CEE socket device compliant with IEC 60309. To underline this product's safety, it has been approved by DNV GL.

### For your safety – DNV GL Approved

PushIn technology from WISKA guarantees you highest safety standards – just like the VARITAIN PushIn reefer container socket from WISKA, the mobile splitter has been approved by DNV GL. Power is only supplied after plug-in and automatically switched off after plug-out – which means the plug cannot get connected or disconnected under power. Thus, this concept meets with all DNV GL requirements determined as follows: „Socket outlets for power circuits over 16 A AC or 10 A DC shall be interlocked in such a way that the plug can be neither inserted nor withdrawn when the socket contacts are live“.

### Quick and easy

PushIn Mobile Splitter does not need any technical installation or material – no extra cables, no fixing material, no laborious setup operations – just a user-friendly installation and assembly set, included in delivery as standard.



## VARITAIN PushIn generation of WISKA – Your benefit

PushIn Mobile Splitter uses the PushIn technology of WISKA – proven successfully a thousands of times on board: Just PushIn.

- Quick and safe operation: Circuit breaker is switched on by plug-in only, no separate turn needed
- Reduced spare part handling by only one spare part module of MCCB, flange and socket insert. Economic maintenance costs due to extraordinary long service life
- Function indication: LED power indication as standard (1)
- Long-life: VentPLUG venting device from WISKA to avoid condensation water
- Each socket secured by individual MCCB
- High quality WISKA SPRINT cable gland with extra strain relief (2)
- Non-corrosive bayonet cap and socket flange
- Casing and lid of stainless steel, powder-coated
- High IP 66 and 67 quality, even without plug or bayonet cap installed
- Made in Germany
- DNV GL approval / Patent pending



### Highly flexible

PushIn Mobile Splitter can be quickly installed by the crew wherever you need it – it can easily be moved from one vessel to another with the help of the carrier handle.

### More capacity

Modern reefer containers have a reduced power consumption which allows to maximize the number of reefer container sockets on container vessels by mobile splitters without changing electrical infrastructure at all.



### High-quality connection cable

PushIn Mobile Splitter comes with a robust, flexible connection cable – prepared for a long lifetime under extreme environmental conditions with good resistance to abrasion, cold flexibility up to -40 °C, high resistance to weathering, ozone and UV rays, sea water, oil and fuel and is halogen-free.

According to ISO 1496-2, the power consumption of a thermal container shall not exceed 15 kW – which implies a power input of 20 A at 440 V. PushIn Mobile Splitter follows these requirements and is equipped with 20 A MCCBs.

### Technical Data

- Type:** 2 sockets 32 A, 3 poles +E, 3 h acc. to IEC 60309, both individually fused with a MCCB 25 kA and 20 A
- Operating voltage:** 440 V
- Frequency:** 50 - 60 Hz
- Protection class:** IP 66 / 67
- Temperature range:** -40 °C - 55 °C
- Material:** Casing of 1.4301 stainless steel, both sides powder-coated, colour traffic white RAL 9016
- Impact resistance:** Housing IK 10 acc. to EN 50102
- Scope of delivery:** 1 plug 32 A, 3 poles +E, 3 h acc. to IEC 60309  
cable 6 mm<sup>2</sup>, 2 m, CH-N1BQ-F, cable gland with high strain relief, carrier handle, easy mountable fixture set



**DNV GL  
CERTIFIED**

## About WISKA



WISKA is your expert for electrical equipment and maritime lighting as well as CCTV camera surveillance systems for shipbuilding and diverse industries. Founded in 1919 in Hamburg, the family company today employs 220 people worldwide, including 190 in Germany. Our employees are our main asset. Whether technician, engineer, craftsman or merchant, their technical know-how, initiative and innovative ideas are our recipe for success. They develop customised quality products for the shipping and offshore industries, transport technology, food industry, mechanical engineering, building services and energy sectors, among others.

WISKA operates its own research and development facilities and production plants next-door at its headquarters in Germany and has a global network of representatives and subsidiaries who ensure a quick and effective on-site customer service.



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