



AM- Solution® - Your partner in innovation

AM-Solution is a dynamic and innovative company which brings more than 20 years of Maintenance and Repair knowledge into the industry. Experience from reefer- to electronic repairs and from spare parts to finished goods and logistics.

DATA SHEET
Version 07/23

AMS4000-100

Reefer Socket Tester

The socket tester is intended solely for a quick diagnosis of 32A CEE power wall socket on marine container stations (max. 440V/AC). This fully automatic 3-Phase Socket Tester is a reliable aid in the prevention of hazards. Test function offered are three phase test and earth wire / phase test.

HIGHLIGHTS

Protects marine container against damage //

For three-phase power sources //

Fully automatic testing //


Earth wire / Two types of phase tests //

Applicable on 3H or 6H wall sockets //

Selectable 3h or 6h male plug //

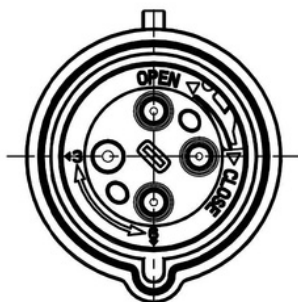


TECHNICAL DATA

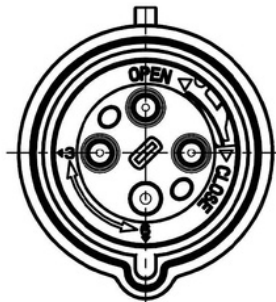
Voltage supply:	AC 440V, 50/60 Hz, three-phase current
Over-voltage category:	Reefer station
Plug:	CEE - 32A
Power consumption: input	<20 mA
Dimensions (L X W X H):	135 x 93 x 51 mm
Weight:	435 g
No. of poles:	3P+ 
Earth position: contact	3H/6H
Protection degree:	IP67
Housing material:	Flame retardant PA6
Contact:	Nickel plated brass
Feature:	Able to switch from 3H to 6H by using a screw driver
Approvals:	CE / ROHS/ REACH

CHARGER AND BATTERY

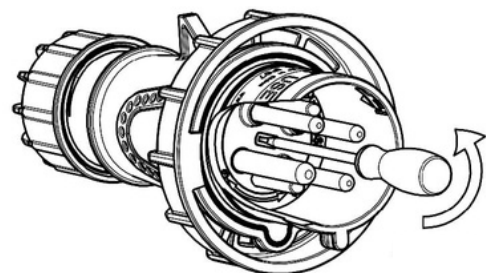
Capacity:	2200 mAh
Nominal voltage:	7.4V
Output charger:	8.4V---500mA
Input charger:	5V---1A



Earth Pin in 3H position



Earth Pin in 6H position



Push & Rotate

USER MANUAL

REEFER SOCKET TESTER

ITEM-NO. AMS4000-100

INTENDED USE

The socket tester is intended solely for a quick diagnosis of 32A CEE wall sockets on marine container stations (max. 440V/AC). . This device recognises and detects interruptions to the three phases and the earth wire. It is a safe, quick and professional way of testing a 32A 3H/6H wall socket. No part of the product may be modified or rebuilt! Observe the safety instructions in their entirety.

SAFETY AND DANGER WARNINGS

The warranty will be void in the event of damage caused by failure to observe these safety instructions! We do not assume any liability for any consequential damage!

This device must only be operated by specialist.

Never touch the device with wet or moist hands. There is a risk of a lethal electric shock!

On industrial sites, the accident prevention regulations of the association of the industrial workers' society for electrical equipment and utilities must be followed.







Do not use in adverse ambient conditions. Adverse ambient conditions are damp or excessively high humidity, dust and flammable gases, vapours or solvents.

If you have a reason to believe that the device can no longer be operated safely, disconnect it immediately and secure it against being operated unintentionally.




it can be assumed that safe operation is no longer possible if:

- the device is visibly damaged,
- the device no longer works and
- the unit was stored under unfavourable conditions for a long period of time or
- it has been subjected to considerable stress in transit

EXAMPLES DISPLAY

		All phases are correct
		One phase is not present. More red bullets could appear in different patterns.
		One phase is out of range. More orange bullets could appear in different patterns.

LED INDICATORS

-  OK (Phase is correct 440v +/- 10%)
-  OoR (Out of Range)
-  Fail (Phase is missing or interrupted)

Any installation work or the elimination of installation errors may only be carried out by specialists who are familiar with the relevant regulations and the ensuing risks.

DISPOSAL

Electronic products are raw material and do not belong in the regular waste. When the device has reached the end of its service life, please dispose of it, according to the current statutory requirements, at a local collecting site or recycling. Disposing of flat batteries in the regular waste is prohibited.