

PODROBNJI OPIS PROIZVODA:
DETAILED PRODUCT DESCRIPTION:

Alarmni, mjerni i upravljački sustav strojarnice pomorskih brodova sastoji se od:
Engine room alarm, measurement and control system on marine vessels consists of:

- AHD 1110 F / AHD 1110 G : 10" Display with foil / glass front (SW. ver. 3.33.121*)
- AHD 1115 F / AHD 1115 G : 15" Display with foil / glass front (SW. ver. 3.33.121*)
- AHD 1119 F / AHD 1119 G : 19" Display with foil / glass front (SW. ver. 3.33.121*)
- AHD 1310 F / AHD 1310 G : 10" Panel PC with foil / glass front (SW. ver. 1.4.2130*)
- AHD 1215 F / AHD 1215 G : 15" Panel PC with foil / glass front (SW. ver. 1.4.2130*)
- AHD 1219 F / AHD 1219 G : 19" Panel PC with foil / glass front (SW. ver. 1.4.2130*)
- AHD 1224 G : 24" Panel PC with glass front (SW. ver. 1.4.2130)
- AHD 406-2 : Cabin duty alarm panel (SW. ver. 1.7)
- AHD 570 / AHD 570 DP : 5,7" LCD Colour Display (SW. ver. 1.09)
- AHD 652 : 6,5" Operating Panel (SW. ver. 3.0.1562)
- AHD 880 TC / AHD 880 E / AHD 880 G : 8,8" Operating Panel with foil / foil / glass front (SW. ver. 3.0.1562)
- AHD-DRM R : Control unit for displays with rotary push drive (SW. ver. 1.4)
- AHD-DRM T : Control unit for displays with trackball (SW. ver. 1.4)
- AHD-DPU 9 : Data processing station (SW. ver. 4.3.27)
- AHD 882 : Central unit (SW. ver. 1.5.19)
- AHD-SAS 15 : Data station for analog and binary sensors (SW. ver. 4.5.353)
- AHD-PS 15B : Data station with duty selection function
- AHD-PS 15 / AHD-PS 30 / AHD-PS 47 : Data station for 15 / 30 / 47 binary inputs
- AHD-R 101 : Microprocessor controlled relay station (SW. ver. 2.1)
- AHD 1200 : Embedded PC (SW. ver. 1.4.2130*)
- AHD-UCC : CAN repeater (SW. ver. 3.5.3.63)
- AHD-UIC : Compact protocol repeater (SW. ver. 3.6.74)
- AHD-WAOP K : Personnel alarm system (SW. ver. 3.1.1)
- AHD-WOP : Whistle operation panel (SW. ver. 1.05)
- AHD-GAP F : General alarm unit with fire alarm function (SW. ver. 15)

***Napomena za verziju softvera: Ovisno o namjeni uređaja, verzija softvera može se razlikovati.**

** Note for software version: Depending on the application of the device, the software version may vary.*

PODRUČJE PRIMJENE / POSEBNI GRANIČNI UVJETI:
APPLICATION / LIMITATIONS:

Sustav je odobren za primjenu na brodovima s dodijeljenom oznakom automatizacije – AUT1, AUT2 i AUT3.

Zahtjeva se pojedinačno odobrenje proizvoda, nadzor prilikom proizvodnje i testiranja proizvoda u nazočnosti inspektora HRB. Prethodno pojedinačnom odobrenju, dokumentacija koja se mora dostaviti HRB-u je iskazana u tablici u Pravilima za Klasifikaciju brodova, Dio 12, Poglavlje 2.10, Annex: Documents for the Register and test attendance.

Dodatno na gornji zahtjev, slijedeća dokumentacija se također mora dostaviti:

- Detaljne električne sheme
- Lista alarmnih i mjernih točaka (I/O lista)

Tipno odobrenje se odnosi na fizičke komponente (hardware) i upravljački program (software) koji su iskazani u opisu proizvoda. Ukoliko dođe do nadogradnje upravljačkog programa, HRB mora biti obaviješten.

System is approved for use on board vessels granted with automation notations – AUT1, AUT2 and AUT3.

Product certification is required, supervision during manufacture and testing in presence of CRS surveyor. Prior to product certification, documentation that needs to be submitted to CRS is listed in Rules for Classification of ships, Part 12, Chapter 2.10, Annex: Documents for the Register and test attendance.

In addition to above, following documentation also must be submitted:

- Detailed electrical drawings
- List of alarm and measurement points (I/O list)

Type approval covers hardware and software listed in Product description. In case of software update, CRS is to be notified.

DOKUMENTACIJA ZA TIPNO ODOBRENJE:
TYPE APPROVAL DOCUMENTATION:

Tehnički podaci o proizvodu, nacrti i rezultati laboratorijskog ispitivanja na elektromagnetsku kompatibilnost, utjecaj okoline i sigurnu udaljenost od magnetskog kompasa iskazani su u pismu odobrenja 2512/TSE/NP/031534.

Product technical information, drawings and results of laboratory testing with regards to EMC, environmental testing and safe distance from magnetic compass are stated in approval letter 2512/TSE/NP/031534.

OZNAČAVANJE PROIZVODA:
MARKING OF PRODUCT:

U skladu s IEC60945 – Označavanje i identifikacija (Naziv proizvođača i tip proizvoda, serijski broj, datum proizvodnje, sigurna udaljenost od magnetskog kompasa, napon napajanja, programska verzija...)

In accordance with IEC60945 – Marking and identification (The Manufacturer and Type Designation of the product, serial number, date of manufacture, safe distance to magnetic compass, supply voltage, software version...).

UVJETI ZA CERTIFIKACIJU:
CONDITIONS FOR CERTIFICATION:

Programske promjene treba zapisati za sve vrijeme upotrebe sustava na brodu. Zapis o programskim promjenama treba dostaviti HRB-u na odobrenje prije primjene.

All changes in software are to be recorded as long as the system is in use on board. The records of all changes are to be forwarded to CRS for evaluation and approval before being installed.