



Potvrda br.
Certificate No.

03-001672/031387

POTVRDA O TIPNOM ODOBRENJU TYPE APPROVAL CERTIFICATE

Potvrđuje se da je ovaj proizvod, u skladu s Pravilima za klasifikaciju brodova, Dio 1. - Opći propisi, Odjeljak 3. - Tipno odobrenje proizvoda.
This is to certify that this product, on the basis of the Rules for the classification of ships, Part 1 - General requirements, Chapter 3 - Type approval of products.

TIP I OPIS PROIZVODA:
TYPE AND DESCRIPTION OF PRODUCT:

POVRATNI RAZGLAS, JAVNI RAZGLAS I OPĆI ALARM TALK-BACK, PUBLIC ADDRESS AND GENERAL ALARM SYSTEM ITTb, ITPA, ITGA

PROIZVOĐAČ:
MANUFACTURER:

INELTEH d.o.o.
Ljubljanska cesta 7
51000 Rijeka
HRVATSKA - CROATIA

PROIZVOD UDOVOLJAVA SLIJEDEĆIM PRAVILIMA/PROPISIMA:
THE PRODUCT MEETS FOLLOWING RULES/REGULATIONS:

HRB PRAVILA ZA KLASIFIKACIJU BRODOVA, Dio 12 – Električna oprema
CRS RULES FOR THE CLASSIFICATION OF SHIPS, Part 12 – Electrical equipment
IEC 60092-504:2016; IACS UR E10:2014

DETALJI O PROIZVODU I UVJETIMA CERTIFIKACIJE DANI SU NA POLEĐINI.
FURTHER DETAILS OF THE PRODUCT AND CONDITIONS FOR CERTIFICATION ARE GIVEN OVERLEAF.

ODOBRENJE VRIJEDI DO: 2023-03-04
APPROVAL IS VALID UNTIL:

Mjesto i datum: Split, 2019-03-04
Place and date:

M.P.
(Seal)

Marinko Popović, dipl.ing.

NAPOMENA: Ova potvrda nije valjana ako se proizvod ili način njegove proizvodnje promijenio u odnosu na tipno ispitani proizvod. Proizvođač treba obavijestiti Hrvatski registar brodova o bilo kojoj izmjeni na proizvodu kako bi ishodio valjanu potvrdu.
NOTE: This certificate is not valid for equipment, the design or manufacture of which has been varied or modified from the specimen tested. The manufacturer should notify Croatian Register of Shipping of any modification or changes to the product in order to obtain a valid certificate.

PODROBNJI OPIS PROIZVODA:
DETAILED PRODUCT DESCRIPTION:

Povratni razglas, javni razglas i opći alarm koji se sastoje od sljedećih komponenti:
Talk-Back, Public address and General alarm system consisting of the following components:

POVRATNI RAZGLAS tip ITTB / TALK-BACK SYSTEM type ITTB

Main unit type ITTB-04, 24VDC
Main unit type ITTB-08, 24VDC
Main unit type ITTB-12, 24VDC
Substation type ITTB-SSO, for outdoor areas IP56, with external loudspeaker
Substation type ITTB-SSI, for indoor areas
Substation type ITTB-SSN, for noisy areas, with microphone and headphones
ITTB-BW unit, for bridge wing / flying bridge, indoor version
ITTB-BW unit, for bridge wing / flying bridge, outdoor version IP56

JAVNI RAZGLAS type ITPA / PUBLIC ADDRESS SYSTEM type ITPA

Main unit type ITPA-04, PA 4 zones, 24VDC
Main unit type ITPA-08, PA 8 zones, 24VDC
Rectifier type ITPS-230/24
Public address amplifier type ITCPA-120, 120W, 100V
Public address amplifier type ITCPA-240, 240W, 100V
Public address amplifier type ITCPA-360, 360W, 100V
Local microphone unit type ITPA-RM-01
Remote microphone unit type ITPA-RM-02, with all talk
Remote microphone unit type ITPA-RM-03, with all talk and 4 zones selection
Remote microphone unit type ITPA-RM-04, with all talk and 8 zones selection
Volume regulator type ITPA-RG-30, 30W

OPĆI ALARM type ITGA / GENERAL ALARM SYSTEM type ITGA

General alarm unit type ITGA-03, 24VDC

PODRUČJE PRIMJENE / POSEBNI GRANIČNI UVJETI:
APPLICATION / LIMITATIONS:

Fiksna ugradnja na brodovima.
Fixed installations on vessels.

DOKUMENTACIJA ZA TIPNO ODOBRENJE:
TYPE APPROVAL DOCUMENTATION:

TALK-BACK SYSTEM type ITTB, PUBLIC ADDRESS SYSTEM type ITPA, GENERAL ALARM UNIT type ITGA-03 - Type approval documentation, Rev.0, dtd. 08.02.2019.

Izveštaj o ispitivanju/ test report:

Climatic tests – KONČAR test report No. 51-21318
Vibration tests – KONČAR test report No. 21584VIB19004
EMC tests – KONČAR test report No. 21583EMC18121
Performance Test – INELTEH test report No. PT-Performance-1903-001

OZNAČAVANJE PROIZVODA:
MARKING OF PRODUCT:

Ime proizvođača, tip proizvoda, serijski broj-identifikacija i napon napajanja.
The Manufacturer and Type Designation of the product, serial number and supply voltage.

UVJETI ZA CERTIFIKACIJU:
CONDITIONS FOR CERTIFICATION:

The manufacturer should notify CRS of any modification or changes to the equipment in order to obtain a valid certificate.
Proizvođač treba obavijestiti HRB o svim promjenama ili izmjenama opreme kako bi dobio valjanu potvrdu.