



Potvrda br.
Certificate No.

03-001888/031594

POTVRDA O TIPNOM ODOBRENJU TYPE APPROVAL CERTIFICATE

Potvrđuje se da ovaj proizvod udovoljava Pravilima za klasifikaciju brodova, Dio 1. - Opći propisi, Odjeljak 3. - Tipno odobrenje proizvoda.
This is to certify that this product complies with 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:

Engine Safety, Control and Alarm System

InteliDrive DCU Marine

and the accessories

PROIZVOĐAČ:
MANUFACTURER:

ComAP a.s.
U Uranie 1612/14a
17000 Prague 7
CZECH REPUBLIC

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

Hrvatski registar brodova: **Pravila za klasifikaciju brodova,
Dio 9. – Strojevi, Dio 13. – Automatizacija**

Croatian Register of Shipping: *Rules for the classification of ships,
Part 9. – Machinery, Part 13. – Automation*

IACS UR E10

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: **2026-05-08**
APPROVAL IS VALID UNTIL:

Mjesto i datum: Split, 2022-05-09
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.

PODROBNIJI OPIS PROIZVODA:
DETAILED PRODUCT DESCRIPTION:

Glavne komponente:

Main components:

- *InteliDrive DCU Marine* : *InteliDrive control unit*
- *InteliVision 5 CAN Backlit* : *5.1" colour display for controller*
- *InteliVision 5 CAN Backlit VOLVO* : *5.1" colour display for controller*
- *InteliVision 8 Marine* : *8" colour display for controllers*
- *InteliVision 12 Touch OEM* : *12" colour display for controllers*
- *InteliVision 13 Touch* : *13" colour display for controllers*
- *IS-AIN8* : *Analogue Input Module*
- *IS-BIN16/8* : *Binary Input/Output Module*
- *IGS-PTM* : *CAN extension module*
- *Inteli AIN8* : *CAN extension module 8 AIN*
- *Inteli AOUT8* : *CAN extension module 8 AOUT*
- *Inteli IO8/8* : *CAN extension module 8 I/O*
- *Inteli AIN8TC* : *CAN extension module 8 Thermocouple AIN*
- *I-CR-R* : *CAN Redundancy Module*
- *I-CR* : *CAN repeater*
- *InternetBridge-NT* : *Communication module, internet bridge*
- *InteliFieldBus Gateway* : *Communication bridge to different Fieldbus protocols*
- *I-CB* : *Communication bridge to non-standard protocols*
- *I-LB+* : *Communication module USB, RS232, RS485*
- *ID-COM* : *InteliDrive communication unit*
- *ID-RPU* : *InteliDrive redundancy protection unit*
- *I-LBA* : *Low battery adaptor*
- *Inteli RPU* : *Redundant protection unit for controller*
- *I-RB 16* : *Relay board with 16 relays*
- *I-RB 8* : *Relay board with 8 relays*
- *IGL-RA15* : *Remote annunciator*

PODRUČJE PRIMJENE / POSEBNI GRANIČNI UVJETI:
APPLICATION / LIMITATIONS:

Sustav je prikladan za pomoćne motore-generatore, generator za nužnost i poriv s više pogonskih motora.

The system is suitable for auxiliary engines-generators, emergency generators and multi engine propulsion systems.

DOKUMENTACIJA ZA TIPNO ODOBRENJE:

TYPE APPROVAL DOCUMENTATION:

*Technical Brochures – InteliDrive DCU Marine,
System Architecture Description,*

*Electrotechnical Testing Institute – Test Report No. 703780-01/01, dated 20.11.2017,
Electrotechnical Testing Institute – Test Report No. 703437-01/01, dated 26.09.2017,
Electrotechnical Testing Institute – Test Report No. 702528-01/01, dated 23.08.2017,
Electrotechnical Testing Institute – Test Report No. 600885-01/01, dated 31.03.2016,
Electrotechnical Testing Institute – Test Report No. 304982-01/01, dated 31.10.2013,
Electrotechnical Testing Institute – Test Report No. 405338-01/01, dated 02.12.2014,
Electrotechnical Testing Institute – Test Report No. 004726-01/01, dated 19.04.2011,
Electrotechnical Testing Institute – Test Report No. 302523-01/02, dated 24.07.2013,
VZLU TEST, a.s. – Test Report No. P-VZLUTEST-343/17, dated 30.08.2017,
TUV SUD Czech s.r.o. – TECHNICAL REPORT No. 260303-11-TAC, dated 25.05.2011,
Electrotechnical Testing Institute – Test Report No. 302523-01/01, dated 26.07.2013,
Electrotechnical Testing Institute – Test Report No. 302523-01/02, dated 24.07.2013,
Electrotechnical Testing Institute – Test Report No. 400326-01/02, dated 20.02.2014,
Electrotechnical Testing Institute – Test Report No. 400328-01/02, dated 20.02.2014,
Electrotechnical Testing Institute – Test Report No. 901598-01/02, dated 15.10.2009,
Electrotechnical Testing Institute – Test Report No. 901598-01/03, dated 26.11.2009,
TUV SUD Auto CZ s.r.o. – Technical Report No. 260314-09-TAC, dated 22.10.2009.
Electrotechnical Testing Institute – EMC, 210677-01/01, dated 14.04.2021,
Electrotechnical Testing Institute – EMC, 210677-01/02, dated 03.05.2021,
Electrotechnical Testing Institute – EMC, 210979-01/01, dated 28.07.2021,
Research Institute of Posts and Telecommunications – EMC, 9/602/2021/Eng, dated 19.09.2021,
Research Institute of Posts and Telecommunications – InteliFieldBus Gateway, 9/613/2021-1/Eng, dated 28.10.2021,
TSU Piestany - InteliFieldBus Gateway, 214000148, dated 17.08.2021,
Electrotechnical Testing Institute – Inteli RPU, 701073-01/01, dated 30.05.2017,
Electrotechnical Testing Institute – Inteli RPU, 701473-01/01, dated 21.04.2017,
VZLU Test – Inteli RPU, P-VZLUTEST-123/17, dated 29.03.2017.*

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)

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).

UVJETI ZA CERTIFIKACIJU:

CONDITIONS FOR CERTIFICATION:

Za svaku primjenu na brodovima klase HRB-a, potrebno je dostaviti kompletnu tehničku dokumentaciju s nacrtima na pregled i odobrenje prije postavljanja na brod.

For each application on board CRS classed vessels complete technical documentation and drawings shall be submitted for examination and approval prior installation on board.