



Potvrda br.
Certificate No.

03-002022/031711

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:

PROGRAMABILNI ELEKTRONIČKI SUSTAV PROGRAMMABLE ELECTRONIC SYSTEM SIMATIC ET-200

PROIZVOĐAČ:
MANUFACTURER:

Siemens AG
I IA AS MF
Werner-von-Siemens-Str. 50
92224 AMBERG
GERMANY

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

Hrvatski registar brodova: Pravila za klasifikaciju brodova,
Dio 12. – Električna oprema, Dio 13. – Automatizacija
Croatian Register of Shipping: Rules for the classification of ships,
Part 12. – Electrical Equipment, Part 13. – Automation
IEC 60945, IACS UR E10

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

ODOBRENJE VRIJEDI DO: **2026-09-04**
APPROVAL IS VALID UNTIL:

Mjesto i datum: Split, 2024-03-04
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:

Ovakav sustav, koristeći navedene module te programsku podršku, nadzire i upravlja sustavom automatizacije broda.
This system, by use of bellow mentioned modules with application software support, monitors and controls ship's automation.

Distribuirana periferija za U/I signale ET200
Distributed peripherals for I/O signals ET200

6ES7 120 6ES7 123 6ES7 131 6ES7 134 6ES7 141 6ES7 144 6ES7 148 6ES7 157 6ES7 194 6ES7 972
6ES7 121 6ES7 124 6ES7 132 6ES7 135 6ES7 142 6ES7 145 6ES7 151 6ES7 158 6ES7 195 6GK7972
6ES7 122 6ES7 127 6ES7 133 6ES7 138 6ES7 143 6ES7 147 6ES7 153 6ES7 193 6ES7 654

PODRUČJE PRIMJENE / POSEBNI GRANIČNI UVJETI:
APPLICATION / LIMITATIONS:

Sustav je odobren za primjenu na brodovima s dodjeljenom oznakom automatizacije – AUT1, AUT2 i AUT3.
Sustav napajanja 24V mora biti zaštićen s filterom Dehn Blitzductor No. 918 402 ili sličnim.
System is approved for use on board a vessels granted with automation notations – AUT1, AUT2 and AUT3.
24V power supply lines are to be protected by Dehn Blitzductor No. 918 402 or equivalent.

DOKUMENTACIJA ZA TIPNO ODOBRENJE:
TYPE APPROVAL DOCUMENTATION:

Siemens Specification for Type Tests and Test Report of Marine Electrical Equipment AUT7-B8.4P-9605 dated 11.12.1996,
Siemens Specification for Type Tests and Test Report of Marine Electrical Equipment A&D AS RD 423-0301,
Siemens EMC Measurements A&D ATS 6 / 04-M060 1254-A1 dated 27.02.2004,
Siemens Specification for Type Tests and Test Report of Marine Electrical Equipment A&D AS E423-0104,
Siemens Specification for Type Tests and Test Report of Marine Electrical Equipment A&D AS E423-0105,
Siemens Specification for Type Tests and Test Report of Marine Electrical Equipment A&D AS E423-0106,
Siemens Specification for Type Tests and Test Report of Marine Electrical Equipment A&D AS RD ST Type Test - 0606,
Siemens Specification for Type Tests and Test Report of Marine Electrical Equipment A&D AS E423-0107,
Siemens Specification for Type Tests and Test Report of Marine Electrical Equipment I IA AS RD ST Type Test – 2012-02,
Siemens Test Certificate ET 200, Version 03/2013,
Siemens Test Certificate ET 200, Version 04/2013,
CRS witness test, Amberg – June 2014.
Catalogue CA 01 10/2013,
Technical data A5E00158716-02,
Operating instructions A5E01250250-07 dated 2012/08.
Siemens Amberg SIMATIC ET-200 Type Test report No. 1040/ET 200SP IOD/A5/11.2023, dated 23.11.2023.

OZNAČAVANJE PROIZVODA:
MARKING OF PRODUCT:

Ime proizvođača, tip proizvoda, serijski broj-identifikacija i sigurna udaljenost od magnetskog kompasu.
The Manufacturer and Type Designation of the product, serial number and safe distance to magnetic compass.

UVJETI ZA CERTIFIKACIJU:
CONDITIONS FOR CERTIFICATION:

Na brodovima HRB klase potrebno je dostaviti tehničku dokumentaciju stvarne izvedbe na odobrenje za svaku pojedinačnu primjenu.
On the CRS classed vessels, documentation for the actual application is to be submitted for approval in each case of application.