

**POTVRDA O TIPNOM ODOBRENJU**  
**TYPE APPROVAL CERTIFICATE**Br / No **03-001428/031106**

Potvrđuje se da je ovaj proizvod, u skladu s Pravilima za klasifikaciju brodova, Dio 1. - Opći propisi, Odjeljak 3. - Tipno odobrenje proizvoda, odobren za ugradnju na brodove i postrojenja pod nadzorom Hrvatskog registra brodova.

*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, is approved for use on board ships and installations under supervision of the Croatian Register of Shipping.*

**TIP I OPIS PROIZVODA:****TYPE AND DESCRIPTION OF PRODUCT:****Pomorski osobni kompjuteri***Maritime Personal Computers***SIMATIC Microbox PC and HMI IPC****PROIZVOĐAČ:****MANUFACTURER:****Siemens AG****I IA AS MF-K**

Oestliche Rheinbrueckenstr. 50

**76187 Karlsruhe***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 (2002), 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:****APPROVAL IS VALID UNTIL:****2018-09-04****Mjesto i datum***Place and date*

Split, 2014-09-04

**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:***DETAIL PRODUCT DESCRIPTION:*

SIMATIC Microbox PC 427B	6ES7 647-1C.....
SIMATIC Microbox 427B RTX	6ES7 675-7A....
SIMATIC IPC427C	6ES7 647-7B.....
SIMATIC IPC427C Bundle	6ES7 675-1D....
SIMATIC HMI IPC 477C	6AV7 884-.....
SIMATIC Microbox PC 427B PCS 7 AS RTX	6ES7 654-.....
SIMATIC HMI IPC 627C	6ES7 647-6C.....
SIMATIC HMI IPC 677C	6AV7 89.....
SIMATIC IPC 647C	6AG4 112-1.....
SIMATIC IPC 227D	6ES7 647-8A.....
SIMATIC IPC 277D	6AV7 881-.....
SIMATIC IPC 427D	6AG4 140-.....; 6ES7650-0U.....

**TEHNIČKA DOKUMENTACIJA / NACRTI:***TECHNICAL DOCUMENTATION / DRAWINGS:*

Catalogue CA 01 10/2013,

Catalogue ST80/ST PC Edition 2014.

**Ostali tehnički podaci i priručnici dostupni i prikupljeni na SIEMENS Web stranici.***Other technical data sheets & Equipment manuals available and collected from the SIEMENS Web site.***PODRUČJE PRIMJENE / POSEBNI I GRANIČNI UVJETI:***APPLICATIONS / LIMITATIONS:***IPC 427C i IPC 477C mogu se koristiti na mostu i otvorenoj palubi ukoliko se primjeni Epcos filter B84113C.****IPC 227D/ IPC 277D/ IPC 427D/ IPC 627C i IPC 677C mogu se koristiti na most i otvorenoj palubi ukoliko se primjeni Corcom filter \*FC10.***IPC 427C and IPC 477C are suitable for bridge and on open deck if filter type Epcos B84113C or equivalent is used.**IPC 227D/IPC 277D/IPC 427D/IPC 627C and IPC 677C may be used on bridge and on open deck with filter Corcom \*FC10.***DOKUMENTACIJA ZA TIPNO ODOBRENJE:***TYPE APPROVAL DOCUMENTATION:*

Siemens Specification for Type Tests and Test Report of Marine Electrical Equipment A&D AS RD ST Type Test – 07/07,  
 Siemens Specification for Type Tests and Test Report of Marine Electrical Equipment I IA AS RD ST Type Test – 07/09,  
 Siemens Specification for Type Tests and Test Report of Marine Electrical Equipment I IA AS RD ST Type Test – 2010-07,  
 Siemens Specification for Type Tests and Test Report of Marine Electrical Equipment I IA AS RD ST Type Test – 2011-04,  
 Siemens Specification for Type Tests and Test Report of Marine Electrical Equipment I IA AS RD ST Type Test – 2013-01,  
 EU-Declaration of Conformity KHE IPC 2-02/2014,  
 CRS witness test, Amberg – June 2014.

**OZNAČAVANJE PROIZVODA:***MARKING OF PRODUCT:***Ime proizvođača, tip proizvoda, serijski broj-identifikacija i sigurna udaljenost od magnetskog kompasa.***The Manufacturer and Type Designation of the product, serial number and safe distance to magnetic compass.***UVJETI ZA CERTIFIKACIJU:***CONDITIONS OF 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.*

Rašćlana

13.13.02

Zamjenjuje potvrdu

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