



NIPPON KAIJI KYOKAI

COPY

## TYPE APPROVAL CERTIFICATE FOR AUTOMATIC DEVICES AND EQUIPMENT

Certificate No. TA26310M

**This is to certify** that the undernoted product(s) has/have been approved in accordance with the requirements specified in Chapter 1, Part 7 of “Guidance for the Approval and Type Approval of Materials and Equipment for Marine Use” and the relevant Society's Rules.

This certificate is issued to

Manufacturer:	DEIF A/S
Place of Manufacturing:	Frisenborgvej 33, 7800 Skive, Denmark
Product description:	Controller Units
Model:	iE350
Approval No.:	26A026
Valid until:	13 May 2031

The details are described in the attached sheet(s).

Issued at Tokyo on 14 May 2026.



T. Okamoto  
General Manager  
Machinery Department

Note: 1. The manufacturer, if desired, is requested to apply to the Society for renewal prior to the expiration date.

**Specification & documents:**

1. Product description and Particulars

iE350 is a versatile and modular-designed controller for marine applications.

The system consists of the following modules:

- (1) Programable Computer Modules PCM3.3
- (2) Power Supply Module PSM3.2
- (3) Power Supply Module PSM3.2 (Extension)
- (4) Alternating Current Module ACM3.1
- (5) Alternating Current Module ACM3.2
- (6) Input / Output Module IOM3.1
- (7) Input / Output Module IOM3.2
- (8) Input / Output Module IOM3.3
- (9) Input / Output Module IOM3.4
- (10) Governor and AVR Module GAM3.1
- (11) Governor and AVR Module GAM3.2
- (12) Engine Interface Module EIM3.1
- (13) Local display iE7

2. Documentation:

- (1) ie-350-marine-data-sheet-4921240657-uk (DWG No.: User doc EPC 929-09\_52\_Rev.A)
- (2) ie-350-plc-data-sheet-4921240659-uk (DWG No.: User doc EPC 929-09\_53\_Rev.A)
- (3) iE\_350\_Marine\_Power\_management\_Installation\_instructions\_4189341393E\_UK  
(DWG No.: User doc EPC 929-09\_48\_Rev.A)

3. Test Reports:

- (1) EPC 929 iE7 A-tests (DWG No.: Reports EPC 929-09\_37\_Rev.A)
- (2) EPC 929 iE7 B-tests (DWG No.: Reports EPC 929-09\_36\_Rev.A)
- (3) 929 iE350 A tests (DWG No.: Reports EPC 929-09\_40\_Rev.A)
- (4) 929 iE350 B tests (DWG No.: Reports EPC 929-09\_41\_Rev.A)
- (5) 929-01 Witness test iE350 (DWG No.: Reports EPC 929-09\_42\_Rev.A)

**Test items & approval conditions:**

## 1. Test items:

(Applied testing items are marked with X.)

ENVIRONMENTAL TESTS (IACS UR E10 Rev.9 basis)		Mark
External examination		X
Operation test and performance test		X
Electric power supply failure test		X
Power supply fluctuation test	Electric	X
	Pneumatic and Hydraulic	—
Insulation resistance test		X
High voltage test		X
Pressure test (Pneumatic and Hydraulic)		—
Dry heat test (Temperature 70°C × 16 hours)		X
Damp heat test (Temperature 55°C × 16 hours × 2cycles)		X
Vibration test (Acceleration ±1.0g × 1.5 hours)		X
Inclination test		X
Cold test (Temperature -40°C × 16 hours)		X
Salt mist test		—
Electrostatic discharge immunity test (Contact 6kV, Aerial 8kV)		X
Radiated radio frequency immunity test (80MHz – 6GHz)		X
Conducted low frequency immunity test (50Hz – 10kHz)		X
Conducted high frequency immunity test (10kHz – 80MHz)		X
Burst / Fast transient immunity test		X
Surge immunity test		X
Radiated emission test (150kHz – 6GHz)		X
Conducted emission test (10kHz – 30MHz)		X
Flame retardant test		—

## 2. Approval conditions:

The product is not allowed to be installed in the bridge and on open decks.

- The End -