



# NIPPON KAIJI KYOKAI

## TYPE APPROVAL CERTIFICATE FOR AUTOMATIC DEVICES AND EQUIPMENT

Certificate No. TA23345M


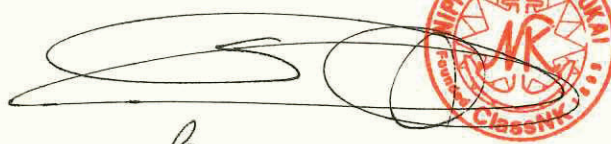
**This is to certify** that the undernoted product(s) has/have been approved in accordance with the requirements specified in Chapter 1, Part 7 of “Guidance for the Approval and Type Approval of Materials and Equipment for Marine Use” and the relevant Society's Rules.

This certificate is issued to

Applicant:	<b>Schneider Electric Japan Holdings Ltd.</b>
Place of Applicant:	<b>4-4-9 Kitahama, Chuo-ku, Osaka, Japan</b>
Factory:	<b>Wuxi Pro-face Co., Ltd.</b>
Place of Factory:	<b>No.20 Hanjiang Road, Wuxi, Jiangsu, China</b>
Product description:	<b>Human Machine Interface</b>
Model:	<b>PFXST6300TAD#, PFXST6500TAD# (# See attached sheets)</b>
Approval No.:	<b>23A015</b>
Valid until:	<b>3 August 2028</b>

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

Issued at Tokyo on 4 August 2023.



S. Oishi  
General Manager  
Machinery Department

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

# NIPPON KAIJI KYOKAI

Attached sheet -1/2 to the Certificate No. TA23345M

## Specification & documents:

### 1. Particulars:

Model	PFXST6300TAD#	PFXST6500TAD#
External dimensions	169.5 x 137 x 58 mm	315 x 241 x 55.3 mm
Display Size	5.7"	10.4"
Display Type	TFT Color LCD Touch Panel	
Rated input voltage	DC24V	
Firmware version	1.0	

# may be blank, any number(s) or letter(s) that indicates color, PCBA coating, memory size or software combinations.

### 2. Documents and drawings:

- ST6000 Series Hardware Manual dated 07/2022 (ST6000-MM01-EN\_04)
- Leaflet\_ST6500\_6300
- Instruction sheet dated 2023.7 (JYT84249\_03)
- PRODUCT TEST SYNTHESIS dated 2022.06.24 (202204-091)
- AURORA\_RAIKOU 5.7 BASIC OF PRODUCT LABEL (JYT6770602 Revision: 06)
- List of critical components PFXST6300TADE / PFXST6500TADE
- UL Yellow Card for Overlay (E86511)
- UL Yellow Card for Rear Cases (E121562)
- PCBA FOR RAIKOU CPU BOARD 5.7INCH (NNZ5593001 Revision 03, NNZ5593002 Revision 03, NNZ5593003 Revision 03)
- PCBA FOR RAIKOU IO BOARD 5.7INCH OP (NNZ9627101 Revision 02, NNZ9627102 Revision 02, NNZ9527103 Revision 02)
- PCBA FOR RAIKOU CPU BOARD 10.4INCH (NNZ5593801 Revision 03, NNZ5593802 Revision 03, NNZ5593803 Revision 03)
- Software design procedure (DEV-4403 B)
- Software evaluation procedure (DEV-4702 C)
- Master Data Management Guidelines (DEV-5504 I)

### 3. Test procedures and reports:

- Test Plan for HMI in Marines dated 2023/2/2 (22RT-4RE00415-4)
- Test Report dated 12 May 2023 (LIC 12-23-053)
- Test Report dated 12 May 2023 (LIC 12-23-054)

- To be continued -

**Test items & approval conditions:**

## 1. Test items:

(Applied testing items are marked with X.)

ENVIRONMENTAL TESTS (IACS UR E10 Rev.8 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		X
Vibration test (Acceleration ±0.7g × 1.5 hours)		X
Inclination test		--
Cold test (Temperature -25°C × 16 hours)		X
Salt mist test		--
Electrostatic discharge immunity test		X
Radiated radio frequency immunity test		X
Conducted low frequency immunity test		X
Conducted high frequency immunity test		X
Burst / Fast transient immunity test		X
Surge immunity test		X
Radiated emission test		X
Conducted emission test		X
Flame retardant test		--

## 2. Approval conditions :

The product is not allowed to be installed on open decks.

**- The End -**