



NIPPON KAIJI KYOKAI

TYPE APPROVAL CERTIFICATE FOR AUTOMATIC DEVICES AND EQUIPMENT

Certificate No. TA20463M

This is to certify that the undernoted products 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:	Schneider Electric Japan Holdings Ltd.
Manufacturer 1:	Wuxi Pro-face Co., Ltd
Place of Manufacturing 1:	No.20 Hanjiang Road, Wuxi New District, Wuxi, Jiangsu, China 214028
Manufacturer 2:	PT Schneider Electric Manufacturing Batam
Place of Manufacturing 2:	Batamindo Industrial Park, JL Beringin Lot 208, Muka Kuning, Batam Island, 29433, Indonesia
Product description:	Graphic Operator Interface
Model:	SP-5000 Series (HMIGTU series), FP-5000 Series
Approval No.:	15A021
Valid until:	30 August 2025

This certificate is subject to the conditions specified in the attached sheets.

Issued at Tokyo on 31 August 2020.



T. Shimada
General Manager
Machinery Department

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

Specification & documents:

1. Particulars: Power supply: 12 - 24V DC

2. Components and reference drawings:

Series	Components		Drawings
	Magelis/Harmony	Pro-face	
SP5000 Series (Display Module)	HMIDT542#	PFXSP5500TPD#	HRB7973500
	HMIDT642#	PFXSP5600TPD#	HRB7973600
	HMIDT643#	PFXSP5660TPD#	
	HMIDT732#	PFXSP5700TPD#	HRB7945600
	HMIDT351#	PFXSP5400WAD#	HRB8089500
	HMIDT551#	PFXSP5500WAD#	HRB8089600
	HMIDT651#	PFXSP5600WAD#	HRB8089700
	HMIDT752#	PFXSP5700WCD#	EIO0000001735
SP5000 Series (Box Module)	HMIG3U#	PFXSP5800WCD#	EIO0000001735
	-	PFXSP5B10#	HRB8089300
	HMIG5U2#	PFXSP5B40#	HRB7945400
-	PFXSP5B41#		
FP5000 Series	-	PFXFP5600TPD#	EAV9936000
	-	PFXFP5700TPD#	EAV9938300

is may be followed by any letter or number that indicates color, PCBA coating, memory size or software combinations.

3. Documentation and Test Reports:

EAV6495506

Schematic Circuit Diagram

14RT-4RE00104 (Ver.1.2), 14RT-4RE00116 (Ver.1.3)

SP5000 Series (Box Module) Installation Guide

SP5000 Series (Display Module) Installation Guide

FP5000 Series Installation Guide

Document for Material Declaration

Document for Quality Control of Software

Magelis GTU User Manual (EIO0000001735, 9/2018)

The relations among all parties for ClassNK Type approval

型式申請プラン(NK): Doc. No. 17RT-4RE00222

Integrated Management System ("IMS") Manual (Doc. No: IMS Manual 00)

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Attached sheet -2/3 to the Certificate No. TA20463M

Test Reports

Report No.: FLI 12-15-007 (25 March 2015),	Report No.: FLI 12-15-008 (25 March 2015)
Report No.: FLI 12-15-009 (25 March 2015),	Report No.: FLI 12-15-011 (25 March 2015)
Report No.: FLI 12-15-012 (25 March 2015),	Report No.: FLI 12-15-013 (25 March 2015)
Report No.: FLI 12-15-014 (25 March 2015),	Report No.: FLI 12-15-015 (25 March 2015)
Report No.: FLI 12-15-016 (25 March 2015),	Report No.: FLI 12-15-017 (25 March 2015)
Report No.: FLI 12-15-018 (25 March 2015),	Report No.: LIC 12-16-145 (16 January 2017)
Report No.: LIC 12-17-060 (29 June 2017),	Report No.: LIC 12-17-061 (29 June 2017)
Report No.: LIC 12-16-145 (16 January 2017)	Report No.: LIC 12-16-147 (16 January 2017)
Report No.: LIC 12-18-044 (27 April 2018)	Report No.: LIC 12-18-046 (27 April 2018)
Report No.: LIC 12-18-069 (27 July 2018)	Report No.: LIC 12-18-071 (27 July 2018)
Report No.: LIC 12-19-041 (19 March 2019)	Report No.: LIC 12-19-043 (19 March 2019)

- To be continued -

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Attached sheet -3/3 to the Certificate No. TA20463M

Test items & approval condition:

1. Test items:

(Applied testing items are marked with X.)

ENVIRONMENTAL TESTS (IACS UR E10 Rev.7 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)		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		--

Note: 1. Testing condition for equipment installed in severe vibration conditions such as near diesel engines or air compressors is not applied.

2. Testing condition for equipment installed on open deck is not applied.

2. Approval condition:

Nil

- The End -