**RINA**

# TYPE APPROVAL CERTIFICATE
## No. ELE148120PU

**This is to certify** that the product below is found to be in compliance with the applicable requirement of the RINA type approval system.

| | |
|---|---|
| *Description* | **LCD Touch Panel for Graphic Operator Interface** |
| *Type* | **SP5000 Series & FP5000 Series** |
| | **(HMIDT Series & HMIDI Series)** |
| *Applicant* | **SCHNEIDER ELECTRIC JAPAN HOLDINGS LTD.** |
| | **Schneider Electric Osaka Building** |
| | **4-4-9 Kitahama, Chuo-Ku, Osaka-Shi, 541-0041 Osaka, JAPAN** |
| *Manufacturer* | **WUXI PRO-FACE CO., LTD.** |
| *Place of manufacture* | **No. 516 Xida Road Wuxi (Jiangsu)** |
| | **CHINA** |
| *Reference standards* | **Rules for the classification of ships.- Part C - Machinery, systems and fire protection - Chapter 3, Section 6, Table 1** |

*Issued in* **BUSAN** on **April 18, 2023**. *This Certificate is valid until* **December 17, 2025**

RINA Services S.p.A.
*Young-Kwang Kim*

This certificate consists of this page and 1 enclosure

## SP5000 Series & FP5000 Series
## (HMIDT Series & HMIDI Series)

## Product Description

● The **SP5000 Series & FP5000 Series** (**HMIDT Series & HMIDI Series**) is a LCD Touch Panel used for Graphic Operator Interface (SP5000 and FP5000 Series for Pro-face brand and HMIDT and HMIDI Series for Magelis / Harmony brand)

- Rated Power: 12-24V DC
- Color: 16M colors TFT
- Brightness Control: 8 or 16 levels
- Operational Temperature: 0~60 ºC
- Interfaces: USB, Wireless LAN, Ethernet, COM, CFast, SD Card, Aux, Ex, DVI-D and Audio

● Models

| Model | | Size | Power Consumption | Touch Panel Type | Resolution | Pixel |
|---|---|---|---|---|---|---|
| PFXSP5500TPD | HMIDT542 | 10" | 50W or less | Analogue | SVGA | 800 x 600 |
| PFXSP5600TPD | HMIDT642 | 12" | 56W or less | Analogue | XGA | 1024 x 768 |
| PFXSP5660TPD | HMIDT643 | 12" | 58W or less | Analogue | XGA | 1024 x 768 |
| PFXSP5700TPD | HMIDT732 | 15" | 57W or less | Analogue | XGA | 1024 x 768 |
| PFXSP5400WAD | HMIDT351 | 7" | 41W or less | Analogue | WVGA | 800 x 480 |
| PFXSP5500WAD | HMIDT551 | 10" | 43W or less | Analogue | WVGA | 1280 x 768 |
| PFXSP5600WAD | HMIDT651 | 12" | 45W or less | Analogue | WXGA | 1280 x 768 |
| PFXSP5B1* | HMIG3U | - | 20W or less | - | - | - |
| PFXSP5B4* | HMIG5U | - | 28W or less | - | - | - |
| PFXFP5600TPD | HMIDID64DTD1 | 12" | 17W or less | Analogue | XGA | 1024 x 768 |
| PFXFP5700TPD | HMIDID73DTD1 | 15" | 21W or less | Analogue | XGA | 1024 x 768 |

*[1] PFXSP5B1(HMIG3U), PFXSP5B4(HMIG5U) model is a box module.
*[2] All models may be followed by any letter(s), number(s) or symbol(s) that indicate color, PCBA coating, memory size or software combinations.

## Reference Documents for SP5000 Series & FP5000 Series
● Manual: Manufacture's document "SP5000 Series Hardware Manual" Ref. No. HRB78714, HRB78717 and HRB91627_01_ENa
● Technical Document: Manufacture's document No. 14RT-4RE00104 V1.1 dated 10/11/2014
● Test Reports: ENV & EMC Test Report FURUNO LABOTECH No.FLI12-15-007~18 dated 25/03/2015
● Manual: Manufacturer's document "Magelis iDisplay HMIDID Series Manual" Ref. No. EIO000000204400 (07/2014) "Magelis HMIDT Series GTU Manual" Ref. No. EIO000000173502(10/2015)
● Technical Document: Manufacturer's document No. 14RT-4RE00104(BU/IC&D/HMI) dated 01/01/2016

● Test Reports: ENV & EMC Test Report FURUNO LABOTECH No. FLI 12-15-012 Rev.1 dated 09/06/2015, FLI 12-15-009 dated 25/03/2015

● Asbestos free declaration letter: Schneider Electric's letter dated 01/09/2017
● Factory information : WUXI PRO-FACE CO.,LTD, ISO 9001:2015 Cert.No. CNBJ195538-A8-UK dated 8 August, 2022

● Additional factory in Indonesia
  - PT SCHNEIDER ELECTRIC MANUFACTUERING BATAM
    Address: BATAMINDO INDUSTRIAL PARK, JL BERINGIN LOT 1, LOT 4, LOT 15, LOT 16, LOT 16A AND LOT 208,
          MUKA KUNING, BATAM ISLAND, INDONESIA
    ISO 9001 Qualification Certificate: BV's Certificate no. 195538-18-UK dated 03/07/2020
    Schneider Electric Japan Holing's letter for relation ship PT Schneider Electric Manufacturing Batam and
    Schneider Electric Japan Holdings Ltd. Dated 04/11/2020

● Schneider Electric Japan Holing's letter for business merger with "Digital Electronics" announcement
  effective date September 1, 2017

## Note/Remark
● Traceability of Hardware and Software is to be ensured for each installation and evidence is to be available on request.
● The product is subject to the compliance with RINA Rules and Standards mentioned on the certificates
● Type Approval certifies that a representative sample of the product has been found to meet the applicable design criteria
● Any modification or change shall not be valid until approval is granted by RINA as a result of due assessment.

## Renewal/Revision History
- 18/12/2015: Issued Certificate No. ELE275215PU for SP5000 Series & FP5000 Series
- 05/08/2016: Issued Certificate No. ELE111916PU for HMIDT Series & HMIDI Series
- 18/12/2020: Renewal Certificate incorporated with the above 2 certificates
- 18/04/2023: Revision (Updated model information and Factory address)

**BUSAN April 18, 2023**