

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Peripheral Equipment

with type designation(s)
Proface SP5000 Series, FP5000 Series, Magelis/Harmony HMIGTU Series, iDisplay Series

Issued to
Schneider Electric Japan Holdings Ltd.
Osaka, Japan

is found to comply with
DNV GL rules for classification – Ships, offshore units, and high speed and light craft

Application :

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.

Location classes:

- 1. * To comply with EMC requirements, see application/limitation**
- 2.** Front part only, IP65 & IP67, see application/limitation**

Proface SP5000 Series, FP5000 Series
Magelis HMIGTU Series, iDisplay Series

Temperature	D
Humidity	B
Vibration	A
EMC	B*
Enclosure	B**

Issued at **Busan** on **2020-12-08**

for **DNV GL**

This Certificate is valid until **2025-07-06**.

DNV GL local station: **Kobe**

Approval Engineer: **Eun Jin Lee**

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Andreas Kristoffersen
Head of Section

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV GL AS, its parent companies and subsidiaries as well as their officers, directors and employees ("DNV GL") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.



Job Id: **262.1-025719-2**
Certificate No: **TAA00001A3**
Revision No: **1**

Product description

Touchscreen Graphic Terminals with type designations:

SP5000 Series

Display module: PFXSP5500TPD#, PFXSP5600TPD#, PFXSP5660TPD#, PFXSP5700TPD#,
PFXSP5400WAD#, PFXSP5500WAD#, PFXSP5600WAD#, PFXSP5700WCD#, PFXSP5800WCD#
Box module: PFXSP5B10#, PFXSP5B40#, PFXSP5B41#

FP5000 Seires

PFXFP5600TPD#, PFXFP5700TPD#

HMIGTU Seires

Display module: HMIDT542#, HMIDT642#, HMIDT643#, HMIDT732#,
HMIDT351#, HMIDT551#, HMIDT651#, HMIDT752#, HMIDT952#
Box Module: HMIG3U#, HMIG5U#, HMIG5U2#

iDisplay Seires

HMIDID64DTD1#, HMIDID73DTD1#

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

Place of Manufacture:

Wuxi Pro-face Co., Ltd.

No.20 Hanjiang Road, Wuxi, New District, Wuxi, Jiangsu, China, 214028

PT Schneider Electric Manufacturing Batam

Batamindo Industrial Park, Block 4 & 208, Muka Kuning, Batam Island, 29433, Indonesia

Responsibility

Schneider Electric Japan Holdings Ltd. works/ takes the responsibility that both design and production are in compliance with Rules, Standard and/or Regulations listed on page 1 of this Type Approval Certificate.

Approval conditions

The Type Approval covers hardware listed under Product description. When the hardware is used in applications to be classed by DNVGL, documentation for the actual application is to be submitted for approval by inclusion in an instrument list, by the manufacturer of the application system in each case. Reference is made to DNVGL Rules for Ships Pt.4 Ch.9 Control and Monitoring Systems.

Application/Limitation

An appropriate noise filter and/or ferrite cores shall be used on the connected cables according to the manufacturer's specifications.

For installation on bridge, the equipment to be installed not less than 5m away from magnetic compass as required in 11.2 of IEC60945.

Enclosure: IP65 & IP67 at front USB hatch without screw. IP66 & IP67 at front USB hatch with screw or without front USB.

Ex-certification is not covered by this certificate. Application in hazardous area to be approved in each case according to the Rule and Ex-certification/Special Condition for Safe Use listed in valid Ex-certificate issued by a notified/recognized Certification Body.

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Type Approval documentation

Type Test Report for Type Approval Certificate 14 591-15 HH and 14 519-15 HH:

Furno Labotech FLI: 12-15-007, 12-15-008, 12-15-009,12-15-010,12-15-011,12-15-012,12-15-013,12-15-014,12-15-015,-12-15-016,12-15-017,12-15-018
Cosmos Corporation: CJ13-117344S4, CJ13-118732S

Revision 2017:

1. Environmental test: Report no. 17RT-4VE00161 dated 2017-04-03
2. Environmental test: Report no. 17RT-4VE00167(LIC12-17-060) dated 2017-06-29
3. Environmental test: Report no. 17RT-4VE00168(LIC12-17-061) dated 2017-06-29
4. IP Grade test: Report no. 17RT-4VE00163 dated 2017-04-03

<Revision 1>

Labotech LIC 12-18-071	2018-07-27
Labotech LIC 12-18-069	2018-07-27
Labotech LIC 12-18-044	2018-04-27
Labotech LIC 12-18-046	2018-04-27

Labotech LIC 12-19-041	2019-03-19
Labotech LIC 12-19-043	2019-03-19

IP test 17RT-4VE00162	2017-04-03
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Renewal assessment report(Osaka) 2020-11-11
Factory assessment report(Batam) 2020-10-15

Tests carried out

Applicable tests according to Class Guideline DNVGL-CG-0339 December 2019.

Marking of product

Products will be marked as
Schneider Electric, Pro-face or Pro-face by Schneider Electric

Periodical assessment

The scope of the retention/renewal survey is to verify that the conditions stipulated for the type are complied with, and that no alterations are made to the product design or choice of systems, software versions, components and/or materials.

The main elements of the survey are:

- Ensure that type approved documentation is available.
- Inspection of factory samples, selected at random from the production line (where practicable)
- Review of production and inspection routines, including test records from product sample tests and control routines.
- Ensuring that systems, software versions, components and/or materials used comply with type approved documents and/or referenced system, software, component and material specifications.
- Review of possible changes in design of systems, software versions, components, materials and/or performance, and make sure that such changes do not affect the type approval given.
- Ensuring traceability between manufacturer's product type marking and the type approval Certificate

Periodical assessment is to be performed after 2 years and after 3.5 years. A renewal assessment will be performed at renewal of the certificate.

END OF CERTIFICATE