



# TYPE APPROVAL CERTIFICATE

Certificate no.:  
**TAA00000CD**  
Revision No:  
**5**

**This is to certify:**  
**that the Peripheral Equipment**

with type designation(s)  
**Touch Screen graphic terminals**

issued to  
**Schneider Electric Japan Holdings Ltd.**  
**Osaka, Japan**

is found to comply with  
**DNV 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.**

**Location classes: See page 2 & 3.**

Issued at **Høvik** on **2025-09-11**

This Certificate is valid until **2030-06-30**.

DNV local unit: **Japan CMC**

Approval Engineer: **Nikolai Arntzen**



for **DNV**

This document has been digitally signed and will  
therefore not have handwritten signature

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 AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") 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 USD 300 000.

## Product description

Pro-Face/Schneider Graphic Operator Interfaces as listed below:

Pro-face Reference	Schneider Reference	Temperature Class	Humidity Class	Vibration Class	EMC Class	Enclosure Class	Notes
PFXGM4201TAD#	HMISTU655#	B	B	A	B*	B	IP65 (front panel only)  Mfg. site: Batam & Wuxi Site-2
PFXGM4301TAD#	HMISTU855#						
PFXXM4200TP#	HMIS65#						
PFXXM4300TP#	HMIS85#						
PFXGM4B01D#	HMIS5T#						
PFXLM4301TADAC#	HMISCU8B5#						
PFXLM4301TADAK#							
PFXLM4301TADDC#	HMISCU8A5#						
PFXLM4301TADDK#							
PFXLM4201TADAC#	HMISCU6B5#						
PFXLM4201TADAK#							
PFXLM4201TADDC#	HMISCU6A5#						
PFXLM4201TADDK#							
PFXLM4B01DAC#	HMISAC#						
PFXLM4B01DAK#	HMISBC#						
PFXLM4B01DDC#	HMIZSURDP#						
PFXLM4B01DDK#	HMIZSURDP5#						
PFXZXMADSM31#		B	B	A	B*	B	IP65 (front panel only)  Mfg. site: Batam
PFXZXMADSM51#	HMIZSDIO#						
PFXSTM6200WAD#	HMISTM6200#						
PFXSTM6400WAD#	HMISTM6400#						
PFXSTM6B#	HMISTM6B#						
PFXSTM62TP#	HMISTM62#						
PFXSTM64TP#	HMISTM64#						
PFXZCM6SM3#	HMIZM6RDP3#						
PFXZCM6SM5#	HMIZM6RDP5#						
PFXZCM6SM10#	HMIZM6RDP10#						
PFXZCM6DSA#	HMIZM6DSA#	D	B	A	B	B	IP65 (front panel only)  Mfg. site: Wuxi Site-1
PFXSTM6B00D#	HMISTM6BOX#						
PFXST6500WADE0#							
PFXST6600WADE0#							

\* To comply with EMC requirements, see application/limitation

# mark in the table may be "C" when conformal coated or any additional letter(s) or numbers(s) or symbol(s) for cosmetic purposes, memory size or software combinations.

## Place of manufacture

### Wuxi Pro-face Co., Ltd.

Site-1: No. 20 Hanjiang Road

Site-2: No. 516 Xida Road

Wuxi, Jiangsu 214028, P.R.C

### PT Schneider Electric Manufacturing Batam

Batamindo Industrial Park, Block 4&208,

Muka Kuning,

Batam Island, 29433,

Indonesia

## Approval conditions

The Type Approval covers hardware listed under Product description. When the hardware is used in applications to be classed by DNV, documentation for the actual application is to be submitted for approval by the manufacturer of the application system in each case. Reference is made to DNV rules for classification of ships Pt.4 Ch.9 Control and monitoring systems.

## Application/Limitation

Products have been tested up to 20% nominal voltage variation as for equipment not connected to the battery during charging.

To cover EMC class A and B requirements for devices marked with \* above, installation requirements according to Certification Note, doc. No.: 10DD-4GD00017, must be followed.

To cover EMC class B requirements for STU, STO, SCU\*\*5, SAC and SBC touchscreens, the filtering as according to manufacturer's Instruction Sheet doc. No.: 35015283\_11 shall be provided.

For installation on bridge, the equipment to be installed not less than 5m away from magnetic compass as required in 11.2 of IEC 60945.

## Type Approval documentation

Pro-face Reference	Manuals incl. drawings	Test report No.
PFXGM4201TAD	GP-4201TM/GP4301TM/ 4000M Hardware Manual File: GP42_43TM-MM01-ENG-PDF_N dated 2022-05	0908M01V dated 2009-11-08
PFXGM4301TAD		1004M01V dated 2010-04-28
PFXXM4200TP		A09-065-WT dated 2010-02-12
PFXXM4300TP		A10-035-WT dated 2010-10-18
PFXGM4B01D		CJ11-104232S dated 2011-08-1 CJ11-104232S2 dated 2011-05-24
PFXLM4301TADAC	LT-4201TM/4301TM Hardware Manual LT4243TM-MM01-ENG-PDF_O dated 2021-08	201214-042 dated 2013-03-11
PFXLM4301TADAK		201214-063 dated 2014-05-29
PFXLM4301TADDC		201214-073 dated 2014-05-29
PFXLM4301TADDK		201214-083 dated 2014-05-29
PFXLM4201TADAC		201214-443 dated 2014-06-04
PFXLM4201TADAK		ET2014-5-619 dated 2014-06-06
PFXLM4201TADDC		
PFXLM4201TADDK		
PFXLM4B01DAC		
PFXLM4B01DAK		
PFXLM4B01DDC		
PFXLM4B01DDK		
PFXZXMADSM31		
PFXZXMADSM51		
PFXSTM6200WAD	STM6000 Series Hardware Manual STM6000-MM01-EN_03 dated 2022/03	IOCC-LAB-TF-002
PFXSTM6400WAD		Contained in DNV doc. no: 99, page 8.
PFXSTM6B		(Product Synthesis)
PFXSTM62TP		
PFXSTM64TP		
PFXZCM6SM3		
PFXZCM6SM5		
PFXZCM6SM10		
PFXZCM6DSA		
PFXSTM6B00D		
PFXST6500WADE	ST6000 Series Hardware Manual, ST6000-MM01-EN.05 dated 2024-01	LIC 12-23-189 dated 2024-03-25
PFXST6600WADE		LIC 12-23-190 dated 2024-03-25

Schneider Reference	Manuals incl. drawings	Test report No.
HMISTU655 HMISTU855 HMIS65 HMIS85 HMIS5T HMISCU8B5 HMISCU8A5 HMISCU6B5 HMISCU6A5 HMISAC HMISBC HMIZSURDP HMIZSURDP5 HMIZSDIO HMISTM6200# HMISTM6400# HMISTM6B# HMISTM62# HMISTM64# HMIZM6RDP3# HMIZM6RDP5# HMIZM6RDP10# HMIZM6DSA# HMISTM6BOX#	Harmony STU and STO Drw No. DIA5ED2130607EN dated 2024-05  Harmony SCU Drw No. DIA5ED2130505EN dated 2024-03           Harmony STM6 User Manual, EIO0000004129_02, dated 2022-03	IOCC-LAB-TF-038 dated 2020-11-05

<b>Additional documentation:</b> Certification note, doc. No.: 10DD-4GD00017 dated 2012-08-20 Manufacturer's Instruction Sheet, doc. No.: 35015283_11 rev. 11
<b>Additional EMC documentation:</b> Test Report (6GHz EMC extract) – HMISTM, doc. No 202002-041 dated 2020-05-18 Test Report - IACS E10:2018 doc. No C20-160-WT dated 2020-05-19 Test Report (6GHz EMC extract) - HMI SCU/STU, doc. No 202208-041 dated 2022-07-15 Test Report - IACS E10:2021 - HMISCU6A5, doc. No J22-302-WT dated 2022-07-22 Test Report - Radiated Emission (6Ghz) - HMISTU655, doc. No 21BAS01P32D31-00294 dated 2021-11-15

Type approval renewal assessment report for TAA00000CD, Batam, Indonesia 2025-07-04  
Type approval renewal assessment report for TAA00000CD, Wuxi, China 2025-07-22  
Type approval renewal assessment report for TAA00000CD, Osaka, Japan 2025-06-11

### Tests carried out

Applicable tests according to class guideline DNV-CG-0339, August 2021.

### Marking of product

The products to be marked with:

- manufacturer name
- model name
- serial number
- power supply ratings

### **Periodical assessment**

The scope of the periodical assessment 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 assessment 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