



TYPE APPROVAL CERTIFICATE
No. ELE51518PU/001

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

<i>Description</i>	LCD Touch Panel for Graphic Operator Interface
<i>Type</i>	HMIGTO Series
<i>Applicant</i>	SCHNEIDER ELECTRIC JAPAN HOLDINGS LTD. Schneider Electric Osaka Building, 4-4-9 Kitahama Chuo-Ku, Osaka-Shi, 541-0041 Osaka, JAPAN
<i>Manufacturer</i>	WUXI PRO-FACE ELECTRONICS CO., LTD.
<i>Place of manufacture</i>	NO. 20 HANJIANG ROAD, WUXI NEW DISTRICT 214028 WUXI, JIANGSU, CHINA
<i>Reference standards</i>	Rules for the classification of ships - Part C - Machinery, systems and fire protection - Chapter 3, Section 6, Table 1

Issued in **BUSAN** on **June 15, 2018**. *This Certificate is valid until* **June 14, 2023**



RINA Services S.p.A.
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This certificate consists of this page and 1 enclosure

This certificate annuls and replaces the previous certificate No. ELE004313CS

HMIGTO Series

Product Description

- The **HMIGTO Series** is LCD Touch Panels used for Graphic Operator Interface.

- Rated Power: 24V DC
- Color: 65,536 colors TFT
- Brightness Control: 8 or 16 levels
- Operational Temperature: 0~50 °C or 0~55 °C
- Interfaces: One or Two Serial RS232C/RS422/RS485, Two USB and Ethernet

- **Models**

Model	Size	Power Consumption	Touch Panel Type	Resolution	Pixel
HMIGTO6310*	12.1"	17W or less	Analogue	SVGA	800 x 600
HMIGTO5310*	10.4"	17W or less	Analogue	VGA	640 x 480
HMIGTO4310*	7.5"	12W or less	Analogue	VGA	640 x 480
HMIGTO3510*	7.0"	12W or less	Analogue	WVGA	800 x 480
HMIGTO2310*	5.7"	10.5W or less	Analogue	QVGA	320 x 240
HMIGTO2300*	5.7"	10.5W or less	Analogue	QVGA	320 x 240
HMIGTO1310*	3.5"	9.6W or less	Analogue	QVGA	320 x 240
HMIGTO1300*	3.5"	9.6W or less	Analogue	QVGA	320 x 240

*All products HMI Series could be followed by "C" when conformal coating. (e.g. "HMIGTO6310C")
When mounted on a metal enclosure, products are suitable for installation on the Bridge & Deck zone.

Reference Documents

- Document :
 - Schneider's Confirmation of Application Information Doc. No. NSH-00000-FO01 Edition:01
 - Schneider's letter Ref. No. HMIGTO dated 28 September, 2012 confirming the same product and manufacturing place (WUXI Proface Electronics Co.,Ltd in China)
 - Agreement & Declaration for Certification
- Manual: Schneider EIO0000001133 – Magelis GTO User Manual
- Technical Document: No. NSH-11032-14 (RINA Approval No. PUEL-3043 dated 11/06/2012)
- Test Procedure: Total Inspection Procedure No. 11DD-4PL00600-1
- Test Reports: ENV Test Report stamped by NK, ABS, DNV, LR and BV Classification Report No. NSH-11032-TR dated 06/03/2012, EMC Test Report Panasonic Corp. Analysis Center No. 23-265 dated 27/02/2012, Visual Inspection & Performance Test Report attended by RINA Surveyor in manufacturing place dated 05/07/2012, LABOTECH's Test Report No. FLI12-16-018,FLI12-16-020 dated 23/03/2016
- Asbestos-Free Declaration: Schneider Electric's letter Ref. No. 8854-17 dated 1 September, 2017

Note/Remark

- Traceability of Hardware and Software is to be ensured for each installation and evidence is to be available upon 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.

(*) This certificate annuls and replaces the previous certificate No. ELE004313CS dated April 29, 2013.

BUSAN June 15, 2018

