



TYPE APPROVAL CERTIFICATE

No. **ELE003916PU**

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>	Operator panel
<i>Type</i>	GOT 1000 Series
<i>Applicant</i>	mitsubishi electric corporation Nagoya Works 5-Chome , 1-14 Yada-minami, Higashi-ku, Nagoya 461-8670, JAPAN
<i>Manufacturer</i>	MITSUBISHI ELECTRIC CORPORATION
<i>Place of manufacture</i>	Nagoya Works 5 -Chome , 1-14 Yada-minami, Higashi-ku, Nagoya 461-8670, JAPAN
<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 **January 28, 2016**. This Certificate is valid until **January 27, 2021**



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Dominic Suk

This certificate consists of this page and 1 enclosure

This certificate annuls and replaces existing certificate No. **ELE573910PU** issued on 17/01/2014

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GOT 1000

Product Description

- + Graphic Operation Terminal, type GOT 1000 Series comprising GOT Main Unit, Communication Interface Unit, Optional Unit, Option and Cables:
- refer to Appendix to the attachment for detailed description of the units.

Reference Documents

- + Technical Document: Mitsubishi Document ref. no. BCN-88000-0400 Rev. 2 dated 25/06/2010, BCN-88000-0404 Rev. 3 dated 30/08/2010 & Catalog No. L(NA) 08054-G 1008(MDOC) effective Aug,2010
- + User's manual : JY997D17501R (Apr.,2015), SH(NA)-080528ENG-AG (Apr.,2014), SH(NA)-080929ENG-O(Jan.,2014), SH(NA)-080928ENG-O(Jan.,2014)
- + ENV/EMC & other Test: Mitsubishi Report ref. no. BCN-88000-0401 Rev. 2 dated 25/06/2010, BCN-88000-0402 Rev. 1 dated 09/04/2010, BCN-88000-0403 Rev. 2 dated 25/06/2010, BCN-88000-0405 Rev. 2 dated 06/07/2010, BCN-88000-0406 Rev. 1 dated 09/04/2010, BCN-88000-0435 undated
- + Visual Inspection & Performance Test: Mitsubishi Report No. XXXXXX dated 27/01/2011 attended by RINA Surveyor.
- + Asbestos Free Declaration Ref. No. SQ-T-16167-A dated January 5, 2016
- Mitsubishi Electric Corporation's Letter dated 20/12/2013
- Mitsubishi Electric Corporation's List of additional models and drawing relations Ref. n° BCN-88000-0637_Rev.1, BCN-88000-0658_Rev.1, BCN-88000-0659_Rev.1, BCN-88000-0660_Rev.1, BCN-88000_0661_Rev.1, BCN-88000-0665_Rev.1
- JQA(Japan Quality Assurance) Kitakansai Laboratory & UL Japan, Inc. Head Office of EMC Laboratory's Test Report n° BCN-88000-0669_Rev.1 dated 15/10/2013~01/11/2013

Additional Manufacturer

MITSUBISHI ELECTRIC DALIAN INDUSTRIAL PRODUCTS CO.,LTD

Models: GT1275-VNBA / GT1275-VNBD / GT1265-VNBA / GT1265-VNBD:

Place of Manufacture : Dongbei 3-5, Dalian Economic & Technical Development Zone, Liaoning Province, China

Note/Remark

- + 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.
- + Software Type Approval is not included in the scope of this certificate.

* This certificate annuls and replaces existing certificate No. ELE573910PU issued on 17/01/2014.

Busan January 28, 2016



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APPENDIX TO CERTIFICATE No. ELE003916PU
GOT 1000 Series

Main Unit

Model	Screen Size	Display	Display colors	Power supply	Memory size	Remarks
GT1695M-XTBA	15" XGA	TFT color LCD	65536 colors	100-240Vac	15MB	* 18 Models are changed according to Document No. BCN-88000-0637_Rev.1
GT1695M-XTBD	1024 x 768	High brightness, wide viewing angle		24Vdc		
GT1685M-STBA	12.1" SVGA	TFT color LCD		100-240Vac		
GT1685M-STBD	800 x 600	High brightness, wide viewing angle		24Vdc		
GT1675M-STBA	10.4" SVGA	TFT color LCD		100-240Vac		
GT1675M-STBD	800 x 600	High brightness, wide viewing angle		24Vdc		
GT1675M-VTBA	10.4" VGA	TFT color LCD	4096 colors	100-240Vac	11MB	
GT1675M-VTBD		High brightness, wide viewing angle		24Vdc		
GT1675-VNBA		TFT color LCD	16 colors	100-240Vac		
GT1672-VNBD				24Vdc		
GT1665M-STBA	8.4" SVGA	TFT color LCD	65536 colors	100-240Vac	15MB	
GT1665M-STBD	800 x 600	High brightness, wide viewing angle		24Vdc		
GT1665M-VTBA	8.4" VGA	TFT color LCD	65536 colors	100-240Vac	15MB	
GT1665M-VTBD		High brightness, wide viewing angle		24Vdc		
GT1662-VNBA	640 x 480	TFT color LCD	16 colors	100-240Vac	11MB	
GT1662-VNBD				24Vdc		
GT1655-VTBD	5.7" VGA	TFT color LCD	65536 colors	24Vdc	15MB	
GT1595-XTBA	640 x 480	High brightness, wide viewing angle	65536 colors	100-240Vac	9MB	
GT1595-XTBD	15" XGA	TFT color LCD		24Vdc		
GT1595-VTBD	1024 x 768	High brightness, wide viewing angle		100-240Vac		
GT1585-STBA	12.1" SVGA	TFT color LCD		24Vdc		
GT1585-STBD	800 x 600	High brightness, wide viewing angle		100-240Vac		
GT1575-STBA	10.4" SVGA	TFT color LCD		24Vdc		
GT1575-STBD	800 x 600	High brightness, wide viewing angle				

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Main Unit

Model	Screen Size	Display	Display colors	Power supply	Memory size	Remarks
GT1575-VTBA	10.4" VGA 640 x 480	TFT color LCD	65536 colors	100-240Vac	9MB	
GT1575-VTBD		High brightness, wide viewing angle		24Vdc		
GT1575-VNBA		TFT color LCD	256 colors	100-240Vac	5MB	
GT1575-VNBD				24Vdc		
GT1572-VNBA			16 colors	100-240Vac		
GT1572-VNBD	8.4" VGA 640 x 480	TFT color LCD	65536 colors	100-240Vac	9MB	
GT1565-VTBA		High brightness, wide viewing angle		24Vdc		
GT1565-VTBD		TFT color LCD	16 colors	100-240Vac	5MB	
GT1562-VNBA				24Vdc		
GT1562-VNBD						
GT1555-VTBD	5.7" VGA 640 x 480	TFT color LCD	65536 colors	24Vdc	9MB	
GT1555-VTBD	5.7" QVGA 320 x 240	High brightness, wide viewing angle				
GT1555-QTBD		STN color LCD	4096 colors			
GT1555-QSBD	GT1550-QLBD	STN monochrome LCD	Monochrome black / white 16 gray scale			
GT1550-QLBD						
GT1275-VNBA	10.4" VGA 640 x 480	TFT color LCD	256 colors	100-240Vac	9MB	
GT1275-VNBD	8.4" VGA 640 x 480			24Vdc		
GT1265-VNBA				100-240Vac		
GT1265-VNBD	GT1155-QTBDQ	TFT color LCD		24Vdc		Dedicated to Q bus connection
GT1155-QTBDQ						Dedicated to A bus connection
GT1155-QTBDA						Dedicated to Q bus connection
GT1155-QSBDQ		STN color LCD	256 colors	24Vdc		Dedicated to A bus connection
GT1155-QSBDA						Dedicated to Q bus connection
GT1155-QLBDQ	GT1155-QLBDA	STN monochrome LCD	Monochrome black / white 16 gray scale		3MB	Dedicated to Q bus connection
GT1155-QLBDA						Dedicated to A bus connection
GT1175-VNBA-C	10.4" VGA 640 x 480	TFT color LCD	256 colors	100-240Vac		Chinese Specification
GT1165-VNBA-C	8.4" VGA 640 x 480					



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Communication Interface Unit

Model	Specification	Remarks
GT15-QBUS	Q-Bus connection (1ch) unit standard model	
GT15-QBUS2	Q-Bus connection (2ch) unit standard model	
GT15-ABUS	A-Bus connection (1ch) unit standard model	
GT15-ABUS2	A-Bus connection (2ch) unit standard model	
GT15-75QBUSL	Q-Bus connection (1ch) unit thin model	
GT15-75QBUS2L	Q-Bus connection (2ch) unit thin model	
GT15-75ABUSL	A-Bus connection (1ch) unit thin model	
GT15-75ABUS2L	A-Bus connection (2ch) unit thin model	
GT15-RS2-9P	RS-232 serial communication unit (D-sub 9 pin, male)	
GT15-RS4-9S	RS-422 / 485 serial communication unit (D-sub 9 pin female)	
GT15-RS4-TE	RS-422 / 485 serial communication unit (terminal block)	
GT15-RS2T4-9P	RS-232 / 422 conversion unit, RS-422 connector : 9 pin	
GT15-RS2T4-25P	RS-232 / 422 conversion unit, RS-422 connector : 25 pin	
GT15-J71LP23-25	Optical loop unit	
GT15-J71E71-100	Ethernet (100 Base - TX / 10 Base - T) unit	
GT15-J71GP23-SX	Intelligent device station unit (supporting CC-Link IE)	

Optional Unit

Model	Specification	Remarks
GT15-PRN	USB slave (Pict Bridge) for printer connection, 1 ch	
GT15-CFCD	For additional CF card port (B drive) on the back of the GOT	
GT15-CFEX-C08SET	For additional CF card port (B drive) at the front of the control panel	
GT15-SOUT	For sound output	
GT15-DIO	For external input / output (source type input / sink type output)	
GT15-DIOR	For external input / output (sink type input / source type output)	

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Option

Model	Optional function board	Specification
GT15-FNB		(No expansion memory)
GT15-QFNB		(No expansion memory)
GT15-QFNB16M	Optional function board	+16MB expansion memory
GT15-QFNB32M		+32 MB expansion memory
GT15-QFNB48M		+48 MB expansion memory
GT15-MESB48M		+48 MB expansion memory
GT16-MESB	CF Card	(No expansion memory)
GT05-MEM-32MC		32MB flash ROM
GT05-MEM-64MC		64MB flash ROM
GT05-MEM-128MC		128MB flash ROM
GT05-MEM-256MC		256MB flash ROM
GT05-MEM-512MC		512MB flash ROM
GT05-MEM-1GC		1GB flash ROM
GT05-MEM-2GC		2GB flash ROM
GT05-MEM-4GC		4GB flash ROM
GT05-MEM-8GC		8GB flash ROM
GT05-MEM-16GC		16GB flash ROM
GT15-BAT	Battery for backup of clock data and maintenance time notification data	



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Cables

Model	Application
GT15-QC06B, GT15-QC12B, GT15-QC30B, GT15-QC50B, GT15-QC100B, GT15-QC150BS, GT15-QC200BS, GT15-QC250BS, -300BS, -350BS	Q-BUS Connection for QCPU
A9GT-QCNB	Bus extension connector box
GT15-C12NB, GT15-C30NB, GT15-C50NB, GT15-AC06B, GT15-AC12B, GT15-AC30B, GT15-AC50B, GT15-A370C12B, GT15-A370C12B-S1, GT15-A370C25B-S1, GT15-A370C25B GT15-A1SC07B, GT15-A1SC12B, GT15-A1SC30B, GT15-A1SC50B, GT15-A1SC05NB, GT15-A1SC07NB, GT15-A1SC30NB, GT15-A1SC50NB, GT15-C100EXSS-1, GT15-C200EXSS-1, GT15-C300EXSS-1, GT15-C07BS, GT15-C12BS, GT15-C30BS, GT15-C50BS, GT15-C100BS, GT15-C200BS, GT15-C300BS, GT15-J2C10B	Bus Connection cable for QnA/ACPU/motion controller CPU (A series)
A7GT-CNB	Bus connector conversion box
GT15-EXCNB	Buffer circuit cable
GT01-C30R4-25P, GT01-C100R4-25P, GT01-C200R4-25P, GT01-C30R4-25P, GT10-C30R4-25P, GT10-C100R4-25P, GT10-C200R4-25P, GT10-C300R4-25P, GT09-C30R4-6C, GT09-C100R4-6C, GT09-C200R4-6C, GT09-C300R4-6C, GT01-C100R4-8P, GT01-C30R4-8P, GT01-C100R4-8P, GT01-C200R4-8P, GT01-C300R4-8P, GT10-C100R4-8P, GT10-C30R4-8P, GT10-C200R4-8P, GT10-C300R4-8P, GT16-C02R4-9S	RS-422 cable
GT01-C30R2-6P, GT01-C30R2-9S, GT01-C30R2-25P, GT09-C30R2-9P, GT09-C30R2-25P	RS-232 cable
GT15-C03HTB	External I/O unit connection conversion cable
GT09-C30USB-5P	USB Cable
FA-LTBGTR4CBL05, FA-LTBGTR4CBL10, FA-LTBGTR4CBL20	RS-485 terminal block conversion unit
GT15-C50VG	Analog RGB cable



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