

TECHNICAL BULLETIN

[Issue No.] T10-0016-B

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[Title] Compliance with EMC Directive and NEMA4/IP67 standards for GOT-A900 series large size GOTs

[Date of issue] March '04

[Relevant Models] A985GOT, A975GOT, A970GOT, A960GOT

Thank you for your continued support of Mitsubishi Graphic Operation Terminal (GOT).

Large size GOT type is compliant with the EMC Directive and the NEMA4/IP67 standards (as of February, 2004).

Please go to MELFANSweb homepage (<http://www.MitsubishiElectric.co.jp/melfansweb/english>) for details.

[Compliance with the EMC Directive]

(1) Compliance with EMC Directive

The following models comply with the EMC Directive:

Product name	Model
A985GOT	A985GOT-TBA-EU
A975GOT	A975GOT-TBA-EU
A970GOT	A970GOT-TBA-EU
	A970GOT-SBA-EU
	A970GOT-LBA-EU
A960GOT	A960GOT-EBA-EU

(2) Connection methods compliant with the EMC Directive

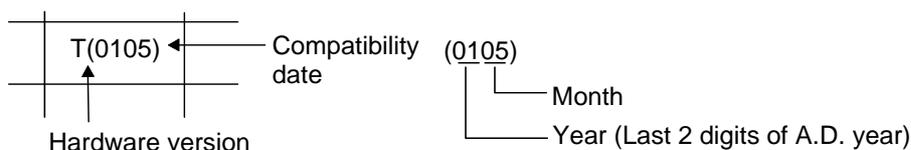
-: Not compliant with EMC Directive.

Connection method		A985GOT-TBA-EU	A975GOT-TBA-EU	A970GOT-TBA-EU	A970GOT-SBA-EU	A970GOT-LBA-EU	A960GOT-EBA-EU
Bus Connection	QCPU	-	-	-	-	-	-
	QnA/ACPU	A	A	A	A	A	A
CPU direct connection	RS-232C port (QCPU)	-	T(0105)	T(0105)	E(0105)	A	L(0105)
	RS-422 port (QnA/ACPU)	A	A	A	A	A	A
MELSECNET connection		-	-	-	-	-	-
Computer link connection	RS-232C	-	T(0105)	T(0105)	E(0105)	A	L(0105)
	RS-422	-	A	A	A	A	A
CC-Link connection	Intelligent device station	-	T(0105)	T(0105)	E(0105)	A	L(0105)
	Remote device station	-	-	-	-	-	-
Ethernet connection		-	Y(0203)	Y(0203)	M(0203)	E(0203)	Q(0203)

The above table shows the GOT hardware version and compatibility date corresponding to each method of connection. (The compatibility date for `hardware version A` is not shown.)

It is recommended to use the GOT hardware version or later.

Refer to section (4) 'Checking hardware version'.



MITSUBISHI ELECTRIC CORPORATION

HEAD OFFICE : 1-8-12, OFFICE TOWER Z 14F HARUMI CHUO-KU 104-6212, JAPAN
NAGOYA WORKS : 1-14, YADA-MINAMI 5-CHOME, HIGASHI-KU, NAGOYA, JAPAN

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(3) Compatible communication boards or communication units

Use the following communication boards/units with the GOT to ensure compliance with the respective EMC Directive.

-: Not compliant with EMC Directive.

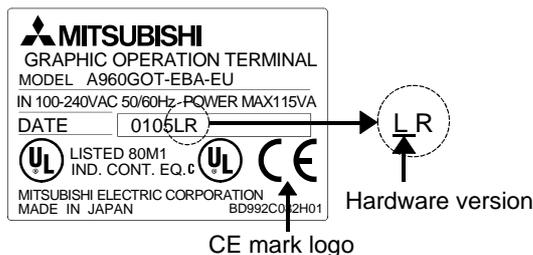
Connection method		Communication board/unit
Bus connection	QCPU	-
	QnA/ACPU	A9GT-BUSS (Hardware version C or later) A9GT-BUS2S (Hardware version C or later)
CPU direct connection	RS-232C port (QCPU)	A9GT-RS2 (Hardware version B or later), A9GT-RS2T (Hardware version C or later)
	RS-422 port (QnA/ACPU)	A9GT-RS4 (Hardware version B or later)
MELSECNET connection		-
Computer link connection	RS-232C	A9GT-RS2 (Hardware version B or later) , A9GT-RS2T (Hardware version C or later)
	RS-422	A9GT-RS4 (Hardware version B or later)
CC-Link connection	Intelligent device station	A8GT-J61BT13 (Hardware version E or later)
	Remote device station	-
Ethernet connection		A9GT-J71E71-T (Hardware version C or later)

(4) Checking the hardware version

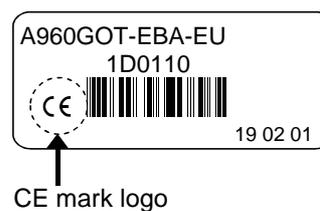
The GOT hardware version is located on the rating plate at the rear of the GOT.

The products including a CE mark logo on the rating plate and packing boxes are compliant with the EMC Directive.

Rating plate



Packing box



(5) Option unit

The GOT does not comply with the EMC Directive when connected with the following option unit:

- (A9GT-70KBF) External I/O interface unit.

(6) Connection cable

Modify the connection cables in order to comply with the EMC Directive.

Please refer to the User's Manual (Hardware) included with the GOT for more information.

(7) Connected Devices

When connecting the GOT to a device (e.g., PLC, microcomputer) that is not a PLC manufactured by Mitsubishi Electric (MELSEC-Q series, MELSEC-QnA series, MELSEC-A series), refer to the device's manual for compliance with EMC Directive.

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[Compliance with the NEMA4, IP67 standards]

The following GOT types comply with NEMA4/IP67 standards (water/dust proof) as a result of improving former versions compliant with IP65 protection.

■Relevant models

The following models comply with the NEMA4/IP67 standards.

Product name	Model	Compliant hardware version
A985GOT	A985GOT-TBA-EU	Version G or later (May, 2001)
	A985GOT-TBA-V	Version H or later (December, 2001)
	A985GOT-TBD-V	Version H or later (December, 2001)
	A985GOT-TBA	Version L or later (December, 2001)
	A985GOT-TBD	Version Q or later (December, 2001)
A975GOT	A975GOT-TBA-EU	Version T or later (May, 2001)
	A975GOT-TBA	Version N or later (December, 2001)
	A975GOT-TBD	Version N or later (December, 2001)
	A975GOT-TBA-B	Version N or later (December, 2001)
	A975GOT-TBD-B	Version N or later (December, 2001)
A970GOT	A970GOT-TBA-EU	Version T or later (May, 2001)
	A970GOT-TBA	Version N or later (December, 2001)
	A970GOT-TBD	Version N or later (December, 2001)
	A970GOT-TBA-B	Version N or later (December, 2001)
	A970GOT-TBD-B	Version N or later (December, 2001)
	A970GOT-SBA-EU	Version E or later (May, 2001)
	A970GOT-SBA	Version N or later (December, 2001)
	A970GOT-SBD	Version N or later (December, 2001)
	A970GOT-LBA-EU	Version B or later (December, 2001)
	A970GOT-LBA	Version N or later (December, 2001)
	A970GOT-LBD	Version N or later (December, 2001)
A960GOT	A960GOT-EBA-EU	Version L or later (May, 2001)
	A960GOT-EBA	Version K or later (December, 2001)
	A960GOT-EBD	Version K or later (December, 2001)

[Purchasing the GOT]

Please contact your local Mitsubishi sales representative, for purchasing this product.