

Addition: GT series Technical Manual

Applicable manual No.:ARCT1F398E-5

■ Additions: Functions added to Ver.2.91

New functions have been added according to the version upgrade of GTWIN.
Confirm the version before using those functions.

● Supports Windows Vista®

Ver. 2.91 supports Windows Vista® (32-bit version)

* It does not support Windows Vista® (64-bit version)

● Supports the connection to Mitsubishi Q(CPU) series with GT01, GT11 and GT21

According to the above additional functions, the following contents have changed.

List of changes

Chapter No.	Title	Content	Remarks
1.5.2	Software Usage Environment and Applicable Cables	Supports Windows Vista®	Replacement
4.4.2	Connecting to Q series Connecting to Q(CPU) series	Supports GT01, GT11 and GT21.	Replacement

■ Replacement

1.5.2 Software Usage Environment and Applicable Cables

Screen creation tool software Terminal GTWIN Ver. 2

Software type		Required OS	Hard disk capacity	Product No.
Terminal GTWIN Ver. 2 English-language version	Tool	Windows Vista® Windows® 2000	300 MB or more	AIGT8001V2
	Upgrade	Windows® XP		AIGT8001V2R

Note1) Terminal GTWIN Operational Guide Book <ARCT1F357E> is provided together with the terminal GTWIN English-language version.

Note2) The latest version is provided free of charge via our website (<http://www.mew.co.jp/ac/fasys/hmi>).
(User registration is required. Free of charge)

Related software (Freeware)

Item name	Contents
Configurator WD IP address search tool	Address setting for the GT in Ethernet communication

Note) It can be downloaded from our website (<http://www.mew.co.jp/ac/>).
(User registration is required. Free of charge)

Screen transfer cable

For PC (RS232C) and GT series unit (TOOL port)

Item name	Contents	Product No.
Screen transfer cable	Screen data transfer cable for GTWIN, GT01, GT11, GT21 and GT30	AFC8503
	Screen data transfer cable for GTWIN and GT series. Mini-DIN 5-pin straight type	AFC8503S

Note) A USB/RS232C conversion cable is required to connect a PC without a serial port with the cable for the PC.

For PC (USB) and GT series unit (USB)

USB cable (GT32 and GT05)

Use a commercial cable.

Cable type	Length	Applicable GTWIN version
USB2.0 (or 1.1) AB type	Max. 5 m	Ver. 2.80 or later

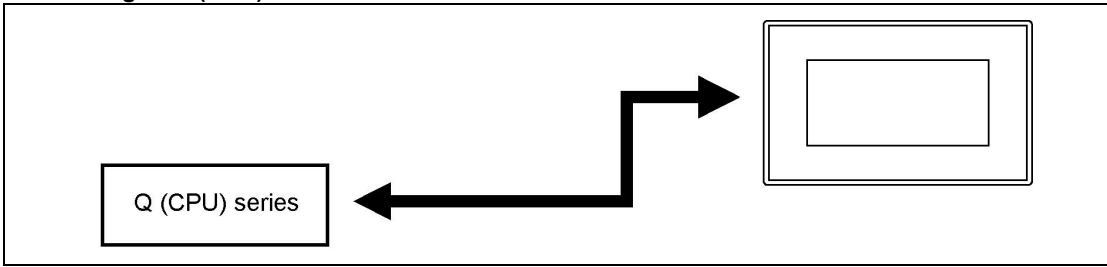


Reference: <2.3 Connecting to Screen Creation Tool GTWIN>

■ Replacement

4.4.2 Connecting to Q series

Connecting to Q (CPU) series



PLC	PLC communication cable	Programmable display			
Q(CPU) series	Mini-DIN 6-pin loose-wire cable	GT01	RS232C	24 V DC type	AIGT0*30B
		GT11			AIGT0*30H
		GT21			AIGT2030*
		GT32			AIGT2130*
		GT05			AIGT2230B
					AIGT2230H
					AIG32*Q*2D
					AIG32*Q*3D
					AIG05*Q02D
					AiG05*Q03D

CPU	Link I/F	Wiring diagram																																	
Q02CPU Q02HCPU Q06HCPU Q12HCPU Q25HCPU	RS232C port on CPU unit	Mitsubishi Electric PLC side Mini-Din 6-pin <table border="1"> <thead> <tr> <th>Pin No.</th> <th>Signal name</th> </tr> </thead> <tbody> <tr><td>1</td><td>RD</td></tr> <tr><td>2</td><td>SD</td></tr> <tr><td>3</td><td>SG</td></tr> <tr><td>4</td><td>-</td></tr> <tr><td>5</td><td>DR</td></tr> <tr><td>6</td><td>ER</td></tr> </tbody> </table>	Pin No.	Signal name	1	RD	2	SD	3	SG	4	-	5	DR	6	ER	<table border="1"> <thead> <tr> <th>Pin No.</th> <th>Signal name</th> </tr> </thead> <tbody> <tr><td>1</td><td>+</td></tr> <tr><td>2</td><td>-</td></tr> <tr><td>3</td><td>FG</td></tr> <tr><td>4</td><td>SD</td></tr> <tr><td>5</td><td>RD</td></tr> <tr><td>6</td><td>RS</td></tr> <tr><td>7</td><td>CS</td></tr> <tr><td>8</td><td>SG</td></tr> </tbody> </table>	Pin No.	Signal name	1	+	2	-	3	FG	4	SD	5	RD	6	RS	7	CS	8	SG
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Selecting the PLC model on GTWIN

PLC made by Mitsubishi	PLC model name to be selected
Q (CPU) series	Mitsubishi MELSEC-Q (CPU) series

Setting the communication conditions

Setting communication conditions on the GT side

Set the COM. port communication conditions as follows.

Item	Value set
PLC unit	0
Baud rate	19200 bps
Data length	7 bits
Parity check	Even
Stop bit	1 bit