2-1. Error Numbers
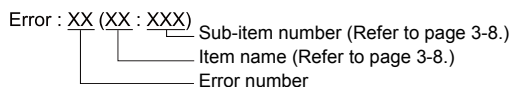
Check the contents of the error (= error number) according to the item name and sub-item number, and remove the error.

Error : XX (XX : XXX) ── Sub-item number (Refer to page 3-8.)
└── Item name (Refer to page 3-8.)
└── Error number

* **Error numbers with "*" do not occur under ordinary circumstances.**
  If any of these errors are displayed, contact your local distributor (specified on the back cover).

Error No.	Contents	Solution
3	Data version does not match the MONITOUCH system program version.	Transfer the MONITOUCH system program from the V-SFT editor. If the problem persists, check the editor version and the system program version of the V9 series, and contact your local distributor.
10	The communication I/F unit is not installed, or it does not match the I/F driver.	Install the communication I/F unit. Transfer the I/F driver again.
11	The PLC model set in the screen program does not match the I/F driver.	Check the PLC model and transfer the I/F driver again.
12	The I/F driver version does not match the screen program version.	Check the editor version and the I/F driver version, and contact your local distributor.
13	The I/F driver version does not match the version of the MONITOUCH system program.	Check the I/F driver version and the system program version of the V9 series, and contact your local distributor.
15	The interface language on MONITOUCH does not match the language set in the screen program.	Check the MONITOUCH model and the language set in the created program.
17	The network I/O number exceeds the usable number range.	Set a number within the usable range.
19	An I/F driver that is unsupported on MONITOUCH is transferred.	Transfer the correct I/F driver.
20	The maximum capacity of the logging server has been exceeded.	The capacity of DRAM specified under [Internal Storage Setting] in the [Logging Server] window has exceeded the maximum available capacity. Reduce the number set for [Number of Data to Save].
22	The logging/alarm block number specified for a trend or alarm part has not been set.	Select [System Setting] → [Logging Server] or [Alarm Server], and set the corresponding block number again.
23*	Memory card file number error	Contact your local distributor.
25	Too many logging entries in the logging server, or too many alarms monitored by the alarm server	Check the number set for [Number of Logging] in the [Logging Server] window or [Number of Monitoring Alarms] in the [Alarm Server] window. [Number of Logging]: Max. 256 words [Number of Monitoring Alarms]: Max. 1024 words
27*	An error was found in the logging server or alarm server.	Contact your local distributor.
28	The same function is set for both MJ1 and MJ2 ports.	Check the settings in the [Hardware Setting] window and specify correctly.

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Error No.	Contents	Solution
29	The memory capacity is insufficient.	Reduce the number set for [Number of Data to Save] under [Internal Storage Setting] or [Number of Monitoring Alarms] in the [Alarm Server] window. Delete the following settings if not necessary. • Multi-link/Multi-link2 • Ladder monitor • Connected devices not in use If the problem persists, contact your local distributor.
30	The number of registered items is too many.	Reduce the number of items.
31	The memory capacity for the registered items is insufficient.	Take the following action for the relevant screen. Reduce the number set for [Number of Monitoring Alarms] in the [Alarm server] window. Reduce the number of items placed on the screen.
32	The number of items that uses the memory exceeds the available number.	Reduce the number of items.
33	The maximum number of switches and lamps that can be set has been exceeded.	The number of switches and lamps placed on the screen has exceeded 4096. Switches and lamps on overlap displays are included in this number. Reduce the number of switches and lamps.
34	The items that occupy the memory area exceed the available work memory capacity.	Reduce the amount of data.
35*	Variable length data error	
36*	ITEM error	
37*	Component ITEM error	
38*	Component error	
40*	Group byte count error	Contact your local distributor.
41*	Recognition flag error	
42*	Function ITEM error	
43*	Function ITEM end error	
44*	Group ITEM end error	
46	An unavailable device memory address is set or the available device memory range is exceeded.	Check the device memory setting. For a system with an Ethernet connection, check the settings at [Hardware Setting] → [Target Settings] → [PLC Table].
47	IDs of the items having setting limitations in the screen library are duplicated on a screen.	Check the IDs and keep them unique.
49*	Group ITEM error	
50*	Link ITEM error	Contact your local distributor.
51*	Editor ITEM error	
52	The overlap ID is incorrect and must be a value from "0" to "9".	Check the overlap ID and set correctly.
53	An overlap library number with no part registered is specified in the call-overlap setting.	Specify an overlap library number with a part registered.
55*	Multi-overlap header error	
56*	Graphic undefined command error	
57*	Graphic ITEM error	Contact your local distributor.
58*	Graphic execution error	
59*	Switch function error	

Error No.	Contents	Solution
60	Switch operating area error	Reset the switch operating area.
61*	Statistic graph % display No. exceeding	Contact your local distributor.
62*	Multi data exceeding	
63	The ordinal number for data block selection (a maximum of four) is duplicated.	Check the ordinal number for data block selection, and set correctly.
64*	Data display element No. error	Contact your local distributor.
65	The scale or graph is not set correctly in the trend part settings.	Correct the settings for [Scale Max. Value] and [Scale Min. Value] or [Graph Max. Value] and [Graph Min. Value] in the [Detail] window.
66*	Internal circle radius is "0".	Contact your local distributor.
67*	The number of points to display is equal to or smaller than zero.	
68	The display area is insufficient for the area (lines) that is displayed by one bit (bit order alarming).	Check the value specified for [Message Lines] in the [Alarm Server] window, and enlarge the display area.
69	A pattern or frame larger than the screen size has been specified.	Re-set the pattern or frame.
70	Too many columns or lines on the data sheet	Check the data sheet columns/lines, and set correctly.
72	The setting for real time printing of the alarm part has exceeded the upper limit, or the specified alarm block number is not unique.	There are four or more alarm parts with [Use the real-time printing function] selected. Or, there are two or more alarm parts for which the same [Alarm Block No.] is set with [Use the real-time printing function] selected. Select the [Use the real-time printing function] setting within the limitations. If the problem persists, check the editor version and the system program version of the V9 series, and contact your local distributor.
73	There are four or more video parts on one screen. (Including the screen library)	Check the number of video parts and reduce the number.
74	An animation part is placed in the area other than the base screen (screen library, etc.).	Place the animation part on the base screen.
75	The model selected in the screen program is not consistent.	Transfer the system program of the V9 series from the editor.
77*	Expanded graphic ITEM error	Contact your local distributor.
78*	Expanded function ITEM error	
79	Component parts occupy too much memory capacity.	Reduce the number of component parts.
80*	Macro: Undefined command error	Contact your local distributor.
81	Macro: The numbers of FOR and NEXT commands are not the same. FOR-NEXT commands are nested beyond 8 levels.	Correct the FOR-NEXT commands.
82	Macro: There are two different commands for the same label number.	Macro: Re-set the label.
83	Macro: There is no destination label for the jump.	Macro: Change or set the destination label.
84*	Macro: Incorrect use of device memory	Change the macro command.
85*	Macro: Undefined system call	Contact your local distributor.
90	Unregistered screen library is used.	Check the screen library number.
91	Bitmap data for a switch or lamp is not registered.	Check the following points: No bitmap name is designated. The part size is too large. There is no bitmap file in the [Parts] folder located under [MONITOUCH] → [User].

Error No.	Contents	Solution
92*	Multi-language initial display string No. error	Contact your local distributor.
94	Multi-language selection string number error	
95	MR400 format table setting: String code error	There is an invalid code after "\" in the string.
96	MR400 format table setting: String size error	The total size of the string is too large.
97	Multi-language font setting error	Transfer the first language font or screen program again.
99	Registration items occupy too much memory capacity.	Reduce the number of registration items.
100	Universal serial: GD-80 compatible entry mode is set.	Deselect [GD-80 Compatible] from the entry mode part.
101	Universal serial: System device memory setting error	Check whether or not access to the outside of the specified device memory address is attempted, such as by macro indirect designation.
102*	Connection mode setting error	Contact your local distributor.
103*	Network I/O size setting error	
104*	Network table setting error	
120	The connection port for Multi-link2 does not match the setting for [Connect Port] in the [Multi-link2] window.	Check the connection port setting in the [Multi-link2] window.
121	Multi-link2 station number error. The value for [Local Port No.] or [Total] is out of the range of 1 to 4.	The value for [Local Port No.] or [Total] in the [Multi-link2] window is out of the range of 1 to 4. Set [Local Port No.] or [Total] within the range of 1 to 4.
122	Multi-link program is not registered.	Transfer the multi-link program.
123	Multi-link2 program is not registered.	
127	MONITOUCH does not support the remote desktop window display.	Check whether MONITOUCH is a model that supports the remote desktop window display. If not, remove the setting.
130*	Ethernet: Network byte error	Contact your local distributor.
131	Ethernet: The local station number is not set in the table.	Check the station number in Local mode, and check that it is also set in the network table edit window.
132	Ethernet: The connection target is not registered or is different.	Check the settings in [PLC Table] under [Hardware Setting] → [Target Settings].
133	Ethernet: IP address No. error	Check the IP address in the network table edit window.
134	Ethernet: Port No. error	Check the port number setting in the network table edit window.
135	FL-net: FL-net data error	Check the FL-net settings in the [Hardware Setting] window.
136	IP address setting error: The network table number selected for the local station IP address is not registered.	Check the network table number.
137	The Ethernet port number of the I/F driver is not unique.	Set a unique port number for the I/F driver.
138	The remote desktop table is not registered.	Register the remote desktop table with the specified number.
139	The remote desktop table is not set correctly.	Check the remote desktop table settings again. (Check, for example, whether an unregistered remote desktop table number is specified.)
140	The I/F driver version of MONITOUCH does not match the version of the MONITOUCH system program.	Check that the MONITOUCH system program version is compatible with the device connected, and if necessary, update the system program.
141*	Multi-link2 connection is set.	Contact your local distributor.

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Error Handling

Error No.	Contents	Solution
142	I/F driver not registered	Transfer the I/F driver. Or check the device memory of the item.
143	The device memory map number is not set in the [Logging Server] window.	Check the device memory map settings, and set correctly.
145	The device memory map number set in the [Logging Server] window is not unique.	Check that the number is not duplicate in the [Logging Server] window, and set correctly.
146*	Device memory map memory setting error	Contact your local distributor.
150	The ladder monitor program is not registered.	Transfer the ladder monitor program.
151	Ladder monitor program: Model setting error	Check the PLC model of the device connected, and transfer the screen program again.
152	Ladder monitor program: Unsupported language	Check the MONITOUCH model and the language set in the screen program, and set correctly.
155	FROM data unregistered	The "default.dtm" file has not been transferred although the [Use Internal Flash ROM as Back-up Area] checkbox is selected in the [System Setting] → [Unit Setting] → [General Settings] tab window. As another possibility, no station number table is found although [Yes] is selected for [Use Port Number Table] under [Communication Setting] in the [Hardware Setting] window. When [Yes] is selected for [Use Port Number Table], the capacity of Local mode extended program becomes 66 KB smaller than the case where it is not selected. Check the setting. If the capacity is the same in either case, contact your local distributor.
156	"Backup area" and "station number table" cannot be used at the same time.	[Use Internal Flash ROM as Back-up Area] is selected in the [System Setting] → [Unit Setting] → [General Settings] tab window although [Yes] is selected for [Use Port Number Table] under [Communication Setting] in the [Hardware Setting] window. It is not possible to use both functions at the same time. Deselect either function, and transfer the screen program again.
157	There are duplicated station numbers in the station number table.	Be sure to set unique numbers when the station number table is changed using the FROM_WR macro command.
158	The model set for ladder monitor program is not consistent with the one for ladder data.	Transfer the ladder data of the correct model.
159	PLC ladder data is incorrect.	Transfer the ladder data again.
160	The SRAM area size exceeds the available range.	Check the settings in the [System Setting] → [Unit Setting] → [SRAM/Clock Setting] window.
161	The SRAM area is not formatted.	Format the SRAM area on the SRAM Setting screen in Local mode. Check that the battery voltage does not drop.
162	Data in the SRAM area does not match the MONITOUCH system program version.	Check the MONITOUCH system program version, and contact your local distributor.
163	The SRAM/clock setting does not match the SRAM area format.	Format the SRAM area on the SRAM Setting screen in Local mode.
164	The simulator program version does not match the MONITOUCH system program version.	Check the MONITOUCH system program version and the compatible simulator program version.
165	Device memory map data is registered for a model that does not support device memory maps.	Delete the device memory map.

Error No.	Contents	Solution

166	The function set for the serial port is duplicated.	Error : 166 (Header : x)
		
		⌐ Sub-item number
		
		The sub-item number denotes the ports as shown below:
		  0: CN1
		  1: MJ1
		  2: MJ2
		Specify a unique function (simulator, etc.) for each port.

174	The I/F driver that does not support ladder communication is set.	Check that the I/F driver supports ladder communication.
183	The printer model is not correctly set.	Transfer the printer driver suitable for the model set in the screen program.
184	Printer driver is not found.	Transfer the printer driver.
187	Periodical writing or synchronized writing is set in the device memory map number specified in the [Logging Server] window.	Check the data in the device memory map.
188	The same device memory address is specified for writing in the device memory map number set with periodical writing or synchronized writing.	Check the data in the device memory map.
189	The Japanese conversion program is not registered in MONITOUCH.	Transfer the Japanese conversion program.
192*	I/F driver setting error	Contact your local distributor.
193*	The common data sheet setting is not registered.	
194*	The memory card setting is not registered.	
195*	V-I/O input/output device memory is not registered.	
196	Data stored in the storage device is different.	This error may be relevant to the operation for storing data (screen, 3D parts, etc.) in a storage device. Connect a storage device in which data has been stored correctly using the storage manager.
199	Multiple functions are assigned to the USB port.	Multiple functions are assigned to the USB-B port. Use the USB-B port only for any of the following functions: USB simulator, PictBridge printer, or USB ladder communication function.
201*	Total byte count error	Contact your local distributor.
207	No video unit is installed.	Install an option unit "GUR-00", "GUR-04", or "GUR-10".
209	PLC ladder data is not registered.	Transfer the ladder data.
216	A data sheet includes an item that cannot be printed.	Recheck the data sheet screen. Remove the unusable item.
217	The source voltage of the touch panel does not conform to the specifications.	Check the source voltage. For details on the power source specifications, refer to the V9 Series Hardware Specifications manual.
301	Recipe setting error	Check the recipe settings. The specified value is outside the permissible range, or there is a problem with the record name specification method.
302	The maximum capacity of the alarm server has been exceeded.	The capacity of DRAM specified under [Internal Storage Setting] in the [Alarm Server] window has exceeded the maximum available capacity. Reduce the number set for [Number of Monitoring Alarms] or [Number of Data to Save].
306	The SRAM area is corrupt.	Forcibly format the SRAM area from the SRAM Setting screen in Local mode.

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Error Handling

Error No.	Contents	Solution
310	An alarm type is not specified for the alarm server.	Check the alarm type setting of monitored alarms for the relevant alarm block number at [System Setting] → [Alarm Server].

Item Name

The item name indicates the screen or other locations where the error was detected.

Sub-item Number

The sub-item number indicates the number of the screen where the error was detected.

- Logging server/alarm server: 0 to 11 = block No.
- Message: Message group No.
- For graphic library, the following library numbers are shown.
  Graphic group No. $\times$ 256 + No. in the group
- Device memory map: xyy (x = PLC1 to 8, yy = table No.)
- I/F driver: 1 to 8 = PLC1 to 8, 9 = simulator