

Troubleshooting Table

For all of the following errors, operation will be switched to the standby and operation will continue in a Duplex CPU System in Duplex Mode. If the error occurs in a Single CPU System or in a Duplex CPU System in Simplex Mode, operation will stop.

Error	Programming Console display	Error flags in Auxiliary Area	Error code (in A400)	Flags and word data	Probable cause	Possible remedy
CPU error	----	None	None	None	Watchdog timer has exceeded maximum setting.	Use one of the following methods. <ul style="list-style-type: none"> • Toggle the USE/NO USE switch for the CPU Unit with the error to NO USE and back to USE and then press the initialization button. • If the automatic recovery setting has been enabled in the PLC Setup, use the automatic recovery function to restart. • If operation still cannot be recovered, replace the CPU Unit.
Memory error	MEMORY ERR	A40115: Memory Error Flag	80F1	A403: Memory Error Location	An error has occurred in memory. A bit in A403 will turn ON to show the location of the error as listed below.	See below for specific bits.
					A40300 ON: A checksum error has occurred in the user program memory. An illegal instruction was detected.	Use one of the following methods If operation has switched from Duplex to Simplex Mode: <ul style="list-style-type: none"> • Toggle the USE/NO USE switch for the CPU Unit with the error to NO USE and back to USE and then press the initialization button. • If the automatic recovery setting has been enabled in the PLC Setup, use the automatic recovery function to restart. • If operation still cannot be recovered, replace the CPU Unit. If the error occurs in Simplex Mode: <ul style="list-style-type: none"> • Retransfer the program and parameters. • If operation still cannot be recovered, replace the CPU Unit.
					A40304 ON: A checksum error has occurred in the PLC Setup.	
					A40305 ON: A checksum error has occurred in the registered I/O table.	
					A40307 ON: A checksum error has occurred in the routing tables.	
					A40308 ON: A checksum error has occurred in the CS-series CPU Bus Unit setup.	
					A40309 ON: An error occurred during automatic transfer from the Memory Card at startup.	Make sure that the Memory Card is installed properly and that the correct file is on the Card.
A40310 ON: Flash memory has failed.	A hardware error has occurred in the CPU Unit. Replace the CPU Unit.					
Fatal Inner Board error	FATAL INNER ERR	A40112: Fatal Inner Board Error Flag	82F0	A424: Inner Board Error Information	The Inner Board is faulty. An error occurred on the Inner bus.	Check the indicators on the Inner Boards and refer to the operation manual for the Inner Board.

Error	Program- ming Console display	Error flags in Auxiliary Area	Error code (in A400)	Flags and word data	Probable cause	Possible remedy
Program error	PRO-GRAM ERR	A40109: Program Error Flag	80F0	A294 to A299: Program error information	<p>The program is incorrect. See the following rows of this table for details.</p> <p>The address at which the program stopped will be stored in A298 and A299. The task where the program stopped will be stored in A294.</p>	<p>If the error has occurred in both the active and standby CPU Units, use the information in A294, A298, and A299 to find the location and cause of the error, check the program, and correct the error. Then, clear the error.</p> <p>If the error occurred in only one of the CPU Units, use one of the following methods.</p> <ul style="list-style-type: none"> • Toggle the USE/NO USE switch for the CPU Unit with the error to NO USE and back to USE and then press the initialization button. • If the automatic recovery setting has been enabled in the PLC Setup, use the automatic recovery function to restart. • If operation still cannot be recovered, replace the CPU Unit.
					A29511: No END error	If the error has occurred in both the active and standby CPU Units, place END(001) at the end of the task indicated in A294.
					<p>A29512: Task error</p> <p>A task error has occurred. The following conditions will generate a task error.</p> <ol style="list-style-type: none"> 1. There isn't an executable cyclic task. 2. There isn't a program allocated to the task. Check A294 for the number of the task missing a program. 3. The task specified in a TKON(820), TKOF(821), or MSKS(690) instruction doesn't exist. 	<p>If the error has occurred in both the active and standby CPU Units, check the startup cyclic task attributes.</p> <p>Check the execution status of each task as controlled by TKON(820) and TKOF(821). Make sure that all of the task numbers specified in TKON(820), TKOF(821), and MSKS(690) instructions have corresponding tasks.</p>
					<p>A29510: Illegal access error</p> <p>An illegal access error has occurred and the PLC Setup has been set to stop operation for an instruction error. The following are illegal access errors:</p> <ol style="list-style-type: none"> 1. Reading/writing a parameter area. 2. Writing memory that is not installed. 3. Writing an EM bank that is EM file memory. 4. Writing to a read-only area. 5. Indirect DM/EM address that is not in BCD when BCD mode is specified. 	If the error has occurred in both the active and standby CPU Units, find the program address where the error occurred (A298/A299) and correct the instruction.
					<p>A29509: Indirect DM/EM BCD error</p> <p>An indirect DM/EM BCD error has occurred and the PLC Setup has been set to stop operation for an instruction error.</p>	If the error has occurred in both the active and standby CPU Units, find the program address where the error occurred (A298/A299) and correct the indirect addressing or change to binary mode.
					<p>A29508: Instruction error</p> <p>An instruction processing error has occurred and the PLC Setup has been set to stop operation for an instruction error.</p>	If the error has occurred in both the active and standby CPU Units, find the program address where the error occurred (A298/A299) and correct the instruction. Alternatively, set the PLC Setup to continue operation for an instruction error.
					<p>A29513: Differentiation overflow error</p> <p>Too many differentiated instructions have been inserted or deleted during online editing.</p>	If the error has occurred in both the active and standby CPU Units, write any changes to the program, switch to PROGRAM mode and then return to MONITOR mode to continue editing the program.

Error	Program- ming Console display	Error flags in Auxiliary Area	Error code (in A400)	Flags and word data	Probable cause	Possible remedy
Program error	PRO- GRAM ERR	A40109: Program Error Flag	80F0	A294 to A299: Program error informa- tion	A29514: Illegal instruction error The program contains an instruction that cannot be exe- cuted.	If the error has occurred in both the active and standby CPU Units, retransfer the pro- gram to the CPU Unit.
					A29515: UM overflow error The last address in UM (user program memory) has been exceeded.	If the error has occurred in both the active and standby CPU Units, use a Programming Device to transfer the program again.
Cycle Time Overrun error	CYCLE TIME ERR	A40108: Cycle Time Overrun Flag	809F	---	The cycle time has exceeded the maximum cycle time (watch cycle time) set in the PLC Setup.	If the error has occurred in both the active and standby CPU Units, change the pro- gram to reduce the cycle time or change the maximum cycle time setting. The cycle time can be reduced by dividing unused parts of the program into tasks, jumping unused instructions in tasks, and disabling cyclic refreshing of Special I/O Units that don't require frequent refreshing. If the error occurred in only one of the CPU Units, use one of the following methods. <ul style="list-style-type: none"> • Toggle the USE/NO USE switch for the CPU Unit with the error to NO USE and back to USE and then press the initializa- tion button. • If the automatic recovery setting has been enabled in the PLC Setup, use the auto- matic recovery function to restart. • If operation still cannot be recovered, replace the CPU Unit.
System FALS error	SYS FAIL FALS	A40106: FALS Error Flag	C101 to C2FF	---	FALS(007) has been executed in the program. The error code in A400 will indicate the FAL number. The leftmost digit of the code will be C and the rightmost 3 digits of the code will be from 100 to 2FF hex and will correspond to FAL numbers 001 to 511.	If the error has occurred in both the active and standby CPU Units, correct according to cause indicated by the FAL number (set by user). If the error occurred in only one of the CPU Units, use one of the following methods. <ul style="list-style-type: none"> • Toggle the USE/NO USE switch for the CPU Unit with the error to NO USE and back to USE and then press the initializa- tion button. • If the automatic recovery setting has been enabled in the PLC Setup, use the auto- matic recovery function to restart. • If operation still cannot be recovered, replace the CPU Unit.

Fatal Errors

For the following errors, operation will stop for a Duplex CPU System in Duplex Mode or in Simplex Mode, or for a Single CPU System.

Connect the CX-Programmer or a Programming Console to display the error message (in the PLC Error Window on the CX-Programmer). The cause of the error can be determined from the error message and related Auxiliary Area flags and words.

A fatal error has occurred if the indicators have the following conditions during operation in RUN or MONITOR mode.

Power Supply Unit	POWER		Lit green
CPU Unit	RUN		Not lit
	ERR/ALM		Lit red
	INH		---
	PRPHL		---
	COMM		---
Duplex Unit (with error occurring on active CPU Unit)	DPL STATUS		Lit green
	Active CPU Unit indicators	ACTIVE	Lit green
		CPU STATUS	Not lit
	Standby CPU Unit indicators	ACTIVE	Not lit
		CPU STATUS	Not lit

- Note**
1. I/O memory will be cleared when a fatal error occurs.
 2. If the I/O Hold Bit is ON, I/O memory will not be cleared, but all outputs from Output Units will be turned OFF.

Troubleshooting Table

For the following errors, operation will stop for a Duplex CPU System in Duplex Mode or in Simplex Mode, or for a Single CPU System.

Error	Program- ming Console display	Error flags in Auxiliary Area	Error code (in A400)	Flags and word data	Probable cause	Possible remedy
I/O Bus error	I/O BUS ERR *	A40114: I/O Bus Error Flag	80C0 to 80C7, or 80CF	A404: I/O Bus Error Slot and Rack Numbers	Error has occurred in the bus line between the CPU and I/O Units. A40400 to A40407 contain the error slot number (00 to 09) in binary. 0F indicates that the slot cannot be determined. A40408 to A40415 contain the error rack number (00 to 07) in binary. 0F indicates that the rack cannot be determined.	Try turning the power OFF and ON again. If the error isn't corrected, turn the power OFF and check cable connections between the I/O Units and Racks. Check for damage to the cable or Units. Correct the cause of the error and then turn the Rack's power supply OFF and then ON again.
	I/O BUS ERR B or I/O BUS ERR C	A40114: I/O Bus Error Flag	80CC, 80CB	A404: I/O Bus Error Slot and Rack Numbers	I/O bus error B: The CPU Units are not mounted to a Duplex CPU Backplane. I/O bus error C: The cable to an Expansion Rack is wired incorrectly. A40400 to A40407: 0F hex A40408 to A40415: 0B hex: I/O bus error B 0C hex: I/O bus error C	Turn OFF the power supply and replace the Backplane with a CS1D-B□□□□ Backplane. Correct the cable connections.
Unit/Rack Number Duplication error	UNIT NO. DPL ERR	A40113: Duplication Error Flag	80E9	A410: CPU Bus Unit Duplicate Number Flags	The same number has been allocated to more than one CPU Bus Unit. Bits A41000 to A41015 correspond to unit numbers 0 to F.	Check the unit numbers, eliminate the duplications, and turn the Rack's power supply OFF and then ON again.
				A411 to A416: Special I/O Unit Duplicate Number Flags	The same number has been allocated to more than one Special I/O Unit. Bits A41100 to A41615 correspond to unit numbers 0 to 95.	Check the unit numbers, eliminate the duplications, and turn the Rack's power supply OFF and then ON again.
	RACK NO. DPL ERR	80EA	A409: Expansion Rack Duplicate Rack Number	The same I/O word has been allocated to more than one Basic I/O Unit.	Check allocations to Units on the rack number whose bit in ON in A40900 to A40907. Correct the allocations so that no words are allocated more than once, including to Units on other Racks, and turn the Rack's power supply OFF and then ON again.	
				An Expansion I/O Rack's starting word address exceeds CIO 0901. The corresponding bit in A40900 to A40907 (Racks 0 to 7) will be turned ON.	Check the first word setting for the Rack indicated in A40900 to A40907 and change the setting to a valid word address below CIO 0901 with a Programming Device.	
Too Many I/O Points error	TOO MANY I/O PNT	A40111: Too Many I/O Points Flag	80E1	A407: Too Many I/O Points, Details	The probable causes are listed below. The 3-digit binary value (000 to 101) in A40713 to A40715 indicates the cause of the error. The value of these 3 bits is also output to A40700 to A40712. 1. The total number of I/O points set in the I/O tables exceeds the maximum allowed for the CPU Unit (bits: 000). 2. The number of Expansion Racks exceeds the maximum (bits: 101).	Correct the problem indicated by the content of A407 and turn the power OFF and ON again.
I/O Table Setting error	I/O SET ERR	A40110: I/O Setting Error Flag	80E0	---	Input and output word allocations do not agree with input/output words required by Units actually mounted.	Check the I/O table with I/O Table Verification operation. When the system has been corrected, register the I/O table again.

Non-fatal Errors

Operation will continue for any of the following errors for a Duplex CPU System in Duplex Mode or in Simplex Mode, or for a Single CPU System. For some of these errors, operation for a Duplex CPU System will switch from Duplex Mode to Simplex Mode and for other errors, operation will remain in Duplex Mode. These are listed separately below.

Connect the CX-Programmer or a Programming Console to display the error message (in the PLC Error Window on the CX-Programmer). The cause of the error can be determined from the error message and related Auxiliary Area flags and words.

**Duplex Errors
(Errors Causing a Switch to Simplex Operation for Duplex CPU Systems)**

For a Duplex CPU System, duplex errors will cause operation to be switched to Simplex Mode, but operation will continue in RUN or MONITOR mode.

A non-fatal duplex error has occurred if the indicators have the following conditions during operation in RUN or MONITOR mode.

Duplex errors are unique to Duplex CPU Systems and will not occur on Single CPU Systems.

Power Supply Unit	POWER	Lit green	
CPU Unit	RUN	Lit green	
	ERR/ALM	Flashing red	
	INH	---	
	PRPHL	---	
	COMM	---	
Duplex Unit (with error occurring on active CPU Unit)	DPL STATUS		
	Duplex verification error: Flashing red		
	Duplex bus error: Lit red		
	Active CPU Unit indicators	ACTIVE	Lit green
		CPU STATUS	Lit green
Standby CPU Unit indicators	ACTIVE	Not lit	
	CPU STATUS	Lit green	

Troubleshooting Table

For all of the following errors, operation will continue if the error occurs in Duplex Mode or in Simplex Mode. If it occurs in Duplex Mode, operation will switch to Simplex Mode.

Error	Programming Console display	DPL STATUS indicator	Error flags in Auxiliary Area	Error code (in A400)	Flags and word data	Probable cause	Possible remedy
Duplex verification error	DPL VERIFY ERR	Flashing red	A31600, A40214	0011	A317	One of the following is not the same between the two CPU Units. <ul style="list-style-type: none"> • CPU Unit model number • Parameter area data • User program • Inner Board internal data inconsistency 	Check the items to the left between the two CPU Units and be sure they are the same and then toggle the power supply. If the problem persists, retransfer the user program and parameter area data (including the PLC Setup CPU Bus Unit settings and I/O tables) to the active CPU Unit. If the problem persists, replace the Duplex Unit.
Duplex bus error	DPL BUS ERR	Lit red	A31601, A40214	0010	---	An error occurred on the duplex bus in the Duplex System.	Prepare the system to stop operation and then press the initialization button on the Duplex Unit. If the problem persists, replace the Duplex Unit.

Errors for which Duplex Mode Continues

If any of the following errors occurs for a Duplex CPU System in Duplex Mode, operation will continue in Duplex Mode and in RUN or MONITOR mode. Operation will also continue if any of these errors occurs in Simplex Mode or in a Single CPU System.

A non-fatal error has occurred if the indicators have the following conditions during operation in RUN or MONITOR mode.

Power Supply Unit	POWER	Lit green	
CPU Unit	RUN	Lit green	
	ERR/ALM	Flashing red	
	INH	----	
	PRPHL	----	
	COMM	----	
Duplex Unit (with error occurring on active CPU Unit)	DPL STATUS		Lit green
	Active CPU Unit indicators	ACTIVE	Lit green
		CPU STATUS	Lit green
	Standby CPU Unit indicators	ACTIVE	Not lit
		CPU STATUS	Lit green

Troubleshooting Table

For all of the following errors, operation will continue if the error occurs for a Duplex CPU System in Duplex Mode or in Simplex Mode, or for a Single CPU System. If it occurs in Duplex Mode, operation will continue in Duplex Mode.

Error	Program- ming Console display	Error flags in Auxiliary Area	Error code (in A400)	Flags and word data	Probable cause	Possible remedy
Duplex power supply error	PS ERROR x-y x = Rack # y = Slot	A31602, A40214	0003	A319, A320	An error has occurred in one of the Power Supply Units. <ul style="list-style-type: none"> The primary-side power supply has been interrupted. The secondary-side voltage has dropped below 5 V or is an over-voltage. 	Use A319 and A320 to identify the Power Supply Unit with an error and either correct the error or, if necessary, replace the Unit.
Duplex communications error	NET DPL ERR * * = Node address	A31603, A40214	0600 to 060F Right-most digit is unit No.	A434 to A437	An error has occurred for a Communications Unit (Controller Link Unit) with a unit number that was set for duplex operation.	Use A434 and A437 to identify the Communications Unit with an error and either correct the error or, if necessary, replace the Unit.
System FAL error	SYS FAIL FAL	A40215: FAL Error Flag	4101 to 42FF	A360 to A391: Executed FAL Number Flags	FAL(006) has been executed in program. Executed FAL Number Flags A36001 to A39115 correspond to FAL numbers 001 to 511. The error code in A400 will indicate the FAL number. The leftmost digit of the code will be 4 and the rightmost 3 digits of the code will be from 100 to 2FF hex and will correspond to FAL numbers 001 to 511.	Correct according to cause indicated by FAL number (set by user).
PLC Setup error	PC SETUP ERR	A40210: PLC Setup Error Flag	009B	A406: PLC Setup Error Location	There is a setting error in the PLC Setup. The location (binary offset) of the error is written to A406.	Change the indicated setting to a valid setting.
I/O Table Verification error	I/O VRFY ERR	A40209: I/O Verification Error Flag	00E7	---	A Unit has been added or removed, so the registered I/O tables don't agree with the actual Units in the PLC. The I/O Verification Error Flag goes OFF when the situation is corrected.	Execute the I/O Table Verify operation to find the problem location. Create new I/O tables or replace the Unit to match the registered I/O tables.
Non-fatal Inner Board error	NO-FTL INNER ERR	A40208: Inner Board Error Flag	02F0	A424: Inner Board Error Information	An error occurred in the Duplex Inner Board	Check the Inner Board indicators. Refer to the Duplex Inner Board's operation manual for details.

Error	Program- ming Con- sole display	Error flags in Auxiliary Area	Error code (in A400)	Flags and word data	Probable cause	Possible remedy
CS-series CPU Bus Unit error	CPU BU ERR	A40207: CS-series CPU Bus Unit Error Flag	0200 to 020F	A417: CS- series CPU Bus Unit Error, Unit Number Flags	An error occurred in a data exchange between the CPU Unit and a CS-series CPU Bus Unit. The corresponding flag in A417 is turned ON to indicate the problem Unit. Bits A41700 to A41715 correspond to unit numbers 0 to F.	Check the Unit indicated in A417. Refer to the Unit's operation manual to find and correct the cause of the error. Restart the Unit by toggling its Restart Bit or turn the power OFF and ON again. Replace the Unit if it won't restart.
Special I/O Unit error	SIOU ERR	A40206: Special I/O Unit Error Flag	0300 to 035F, or 03FF	A418 to A423: Special I/O Unit Error, Unit Number Flags	An error occurred in a data exchange between the CPU Unit and a Special I/O Unit. The corresponding flag in A418 to A423 is turned ON to indicate the problem Unit. Bits A41800 to A42315 correspond to unit numbers 0 to 95.	Check the Unit indicated in A418 to A423. Refer to the Unit's operation manual to find and correct the cause of the error. Restart the Unit by toggling its Restart Bit or turn the power OFF and ON again. Replace the Unit if it won't restart.
Basic I/O Unit error	DENSITY I/O ERR	A40212: Basic I/O Unit Error Flag	009A	A408: Basic I/O Unit error, slot number	An error occurred in the data exchange between the CPU Unit and a Basic I/O Unit. Note: A408 contains the slot number where the error occurred.	Mount the I/O Unit in the Backplane. If the error is not recurs, replace the I/O Unit.
Battery error	BATT LOW	A40204: Battery Error Flag	00F7	---	This error occurs when the PLC Setup has been set to detect battery errors and the CPU Unit's backup battery is missing or its voltage has dropped.	Check battery and replace if necessary. Change the PLC Setup setting if battery-free operation is being used.
CS-series CPU Bus Unit Setup error	CPU BU STUP	A40203: CS-series CPU Bus Unit Set- ting Error Flag	0400 to 040F	A427: CS- series CPU Bus Unit Set- ting Error, Unit Number Flags	An installed CS-series CPU Bus Unit does not match the CS-series CPU Bus Unit registered in the I/O table. The corresponding flag in A427 will be ON. Bits 00 to 15 correspond to unit numbers 0 to F.	Change the registered I/O tables.
Special I/O Unit Setup error	SIOU SETUP	A40202: Special I/O Unit Setting Error Flag	0500 to 055F	A428 to A433: Special I/O Unit Setting Error, Unit Number Flags	An installed Special I/O Unit does not match the Special I/O Unit registered in the I/O table. The corresponding flag in A428 to A433 will be ON. Bits A42800 to A43315 correspond to unit numbers 0 to 95.	

Other Errors

			Error flags in Auxiliary Area	Error code (in A400)	Flags and word data	Error	Probable cause	Possible remedy
Power Supply Unit	POWER	Lit green.	----	----	----	Peripheral Port Communications Error	A communications error has occurred in communications with the device connected to the peripheral port if the indicators have the status shown at the left.	Check the PRPHL setting on the Duplex Unit or the DIP switch setting on the CPU Unit and the peripheral port settings in the PLC Setup. Also check the cable connections.
CPU Unit	RUN	Lit green.						
	ERR/ALM	---						
	INH	---						
	PRPHL	Not lit.						
	COMM	---						
Power Supply Unit	POWER	Lit green.	----	----	----	RS-232C Port Communications Error	A communications error has occurred in communications with the device connected to the RS-232C port if the indicators have the status shown at the left.	Check the COMM setting on the Duplex Unit or the DIP switch setting on the CPU Unit, and also the RS-232C port settings in the PLC Setup. Also check the cable connections. If a host computer is connected, check the communications settings of the serial port on the host computer and the communications program in the host computer.
CPU Unit	RUN	Lit green.						
	ERR/ALM	---						
	INH	---						
	PRPHL	---						
	COMM	Not lit.						

10-2-5 Error Codes

The following table list error in order of severity, with the most serious error given first. When more than one error occurs at the same time, the most serious error code will be stored in A400.

Rank	Error	Programming Console display	Error flag	Code stored in A400
1	Memory error	MEMORY ERR	A40115 Memory Error Flag	80F1
2	I/O bus errors	I/O BUS ERR * (See note 1.)	A40114 I/O Bus Error Flag	80C0 to 80C7, 80CF
		I/O BUS ERR B		80CC
		I/O BUS ERR C		
3	Duplicated number errors	UNIT NO. DPL ERR	A40113 Duplicated Number Flag	80E9
RACK NO. DPL ERR		80EA		
5	Too many I/O points	TOO MANY I/O PNT	A40111 Too Many I/O Points Flag	80E1
6	I/O setting error	I/O SET ERR	A40110 I/O Setting Error Flag	80E0
7	Program error	PROGRAM ERR	A40109 Program Error Flag	80F0
8	Cycle time overrun error	CYCLE TIME ERR	A40108 Cycle Time Overrun Flag	809F
9	FALS execution	SYS FAIL FALS *** (See note 2.)	A40106 FALS Error Flag	C101 to C2FF
10	Duplex verification error	DPL VERIFY ERR (See note 6.)	A40214, A31600	0011
11	Duplex bus error	DPL BUS ERR (See note 6.)	A40214, A31601	0010
12	Duplex power error	PS ERR x-y (See note 3.)	A40214, A31602	0003
13	Duplex communications error	NET DPL ERR * (See note 4.)	A40214, A31603	0600 to 060F

Rank	Error	Programming Console display	Error flag	Code stored in A400
14	FAL execution	SYS FAIL FAL *** (See note 2.)	A40215 FAL Error Flag	4101 to 42FF
15	Basic I/O Unit error	DENSITY I/O ERR	A40212 Basic I/O Unit Error Flag	009A
16	PLC Setup setting error	PC SETUP ERR	A40210 PLC Setup Setting Error Flag	009B
17	I/O verification error	I/O VRFY ERR	A40209 I/O Verification Error Flag	00E7
18	CPU Bus Unit error	CPU BU ERR ** (See note 5.)	A40207 CPU Bus Unit Error Flag	0200 to 020F
19	Special I/O Unit error	SIOU ERR ** (See note 5.)	A40206 Special I/O Unit Error Flag	0300 to 035F, 03FF
20	Battery error	BATT LOW	A40204 Battery Error Flag	00F7
21	CPU Bus Unit setting error	CPU BU STUP ** (See note 5.)	A40203 CPU Bus Unit Setting Error Flag	0400 to 040F
22	Special I/O Unit setting error	SIOU SETUP ** (See note 5.)	A40202 Special I/O Unit Setting Error Flag	0500 to 055F

- Note**
1. * = Rack number
 2. *** = FAL or FALS number
 3. x-y: x = Rack number, y = L for left or R for right
 4. * = Unit number
 5. ** = Unit number
 6. These errors occur only for Duplex CPU Systems.