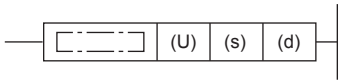
15.2 Setting the station number to own station

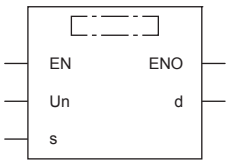
G(P).UINI

~~FX5S~~ FX5UJ FX5U FX5UC

This instruction sets the station number to the intelligent device station (own station) whose station number has not yet been set.

Ladder diagram	Structured text
	ENO:=G_UINI(EN,Un,s,d); ENO:=GP_UINI(EN,Un,s,d);

FBD/LD



("G_UINI", "GP_UINI" enters ☐.)

Setting data

■Descriptions, ranges, and data types

Operand	Description	Range	Data type	Data type (label)
(U)*1	Position number of the module connected	■FX5UJ CPU module 1H to 8H ■FX5U/FX5UC CPU module 1H to 10H	16-bit unsigned binary	ANY16
(s)	Own station start device where control data is stored	☞ Page 1089 Control dataRefer to	Device name	ANY16*2
(d)	Own station device to be turned on for one scan when the instruction completes. When the instruction completes with an error, (d)+1 also turns on.	—	Bit	ANYBIT_ARRAY (Number of elements: 2)
EN	Execution condition	—	Bit	BOOL
ENO	Execution result	—	Bit	BOOL

*1 In the case of the ST language and the FBD/LD language, U displays as Un.
*2 Digit specified bit type label cannot be used.

■Applicable devices

Operand	Bit	Word			Double word		Indirect specification	Constant			Others (U)
	X, Y, M, L, SM, F, B, SB, S	T, ST, C, D, W, SD, SW, R	U☐\G☐	Z	LC	LZ		K, H	E	$	
(U)	—	○	—	—	—	—	○	○	—	—	○
(s)	—	○	—	—	—	—	○	—	—	—	—
(d)	○*1	○*2	—	—	—	—	—	—	—	—	—

*1 S cannot be used.
*2 T, ST, and C cannot be used.

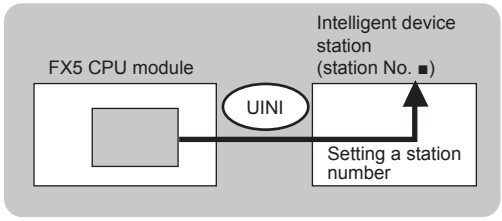
■Control data

Device	Item	Description	Setting range	Set by
(s)+0	—	Not used	—	System
(s)+1	Completion status	The instruction completion status is stored. • 0: Normal • Other than 0: Error (error code)	—	System
(s)+2	Change target specification	0001H (fixed)	0001H	User
(s)+3	Station number of own station	Specifies the station number to be set.	1 to 120	User
(s)+4 to (s)+9	—	Not used	—	System

Processing details

- Set the station number to the intelligent device station.

[Own station]

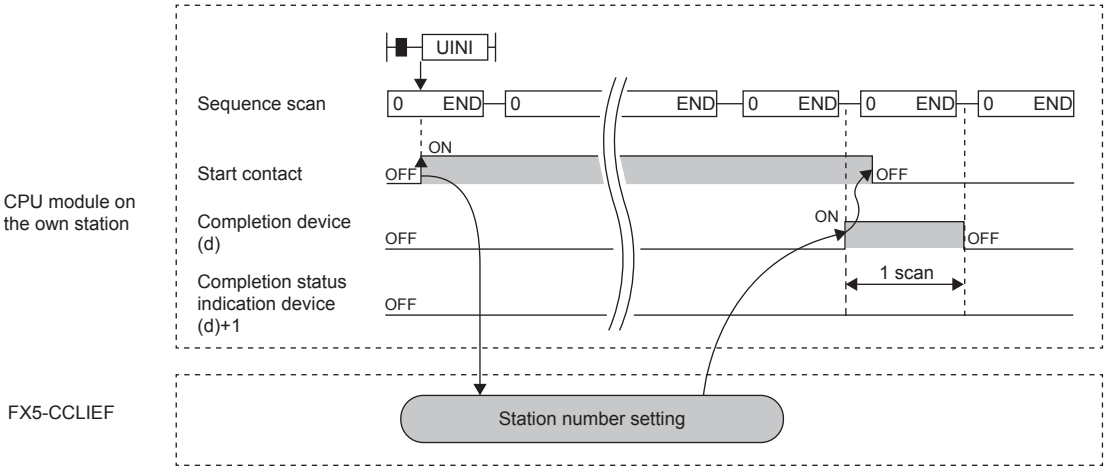


- The execution status and the completion status of the G(P).UINI instruction can be checked with the completion device (d) and the completion status indication device (d)+1.

Device	Operation
Completion device (d)	The device turns on during the END processing for the scan in which the G(P).UINI instruction is completed, and turns off during the next END processing.
Completion status indication device (d)+1	The device turns on or off depending on the completion status of the G(P).UINI instruction. When completed normally: The device does not change (remains off). When completed with an error: The device turns on during the END processing for the scan in which the G(P).UINI instruction is completed, and turns off during the next END processing.

- The following figure shows the operation at completion of the G(P).UINI instruction.

When completed normally



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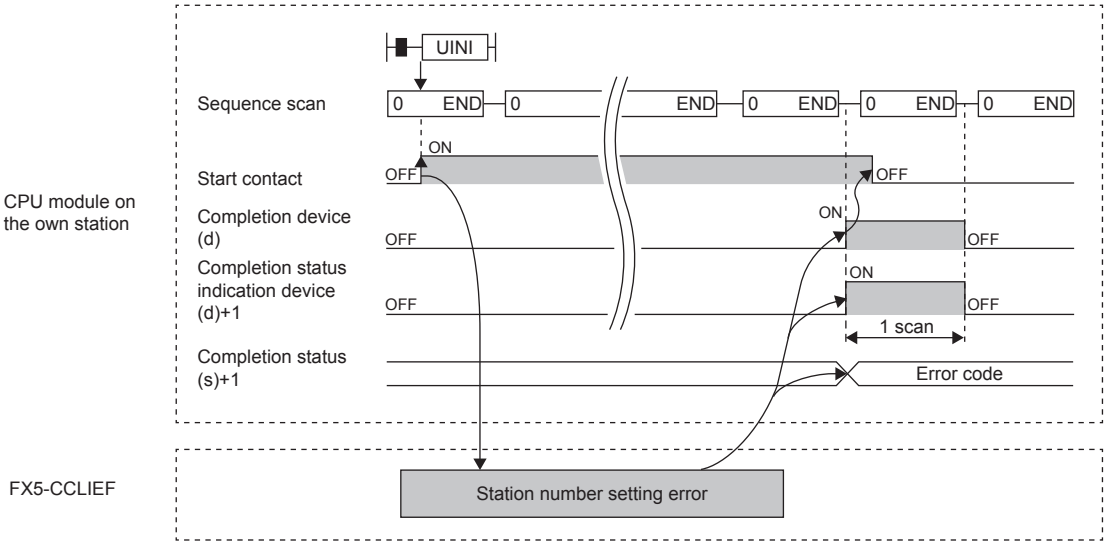
When completed with an error



Precautions

- The station number set by the G(P).UINI instruction is cleared when the FX5 CPU module is powered off and on or reset.
- The G(P).UINI can be executed on the intelligent device station with no station number setting.
- If the station number set by the G(P).UINI instruction is already used for another station, the instruction is completed with an error. Set a unique station number. Note that such error cannot be detected before data link start (e.g. absence of the master station).

Operation error

Error code ((s)+1)	Description
D000H to DFFFH	Refer to MELSEC iQ-F FX5 CC-Link IE Field Network Module User's Manual.