Batch write in bit units (command: 1401)

Write values to devices in bit units.

> **Point**
>
> When accessing any of the following devices, use the device extension specification (subcommand: 008□).
> • Link direct device
> • Module access device
> • CPU buffer memory access device
>
> For the message format for device extension specification, refer to the following section.
> ☞ Page 438 Read/Write by Device Extension Specification

Message format

The following shows the message format of the request data and response data of the command.

■Request data

Command	Subcommand	Head device	Number of device points	Write data

■Response data

There is no response data for this command.

Data specified by request data

■Command

Frame	ASCII code	Binary code
4C/3C/4E/3E frame	1 4 0 1 31H 34H 30H 31H	01H 14H
2C frame	3 33H	—

■Subcommand

Type	ASCII code	Binary code
For MELSEC-Q/L series	0 0 0 1 30H 30H 30H 31H	01H 00H
For MELSEC iQ-R series	0 0 0 3 30H 30H 30H 33H	03H 00H

For 2C frame, the specification is not required. Functions and specification methods are equivalent to the subcommands for MELSEC-Q/L series.

8

■Head device

Specify the head device of the consecutive devices. (☞ Page 65 Devices)

Restriction 🖐

The following devices cannot be specified.
- Long timer (contact: LTS, coil: LTC, current value: LTN)
- Long retentive timer (contact: LSTS, coil: LSTC, current value: LSTN)
- Long counter (current value: LCN)
- Long index register (LZ)

☞ Page 69 Considerations when accessing long timer, long retentive timer, or long counter
☞ Page 69 Considerations when accessing long index register

■Number of device points

Specify the number of device points to be written within the following range. (☞ Page 70 Number of device points)

Access target	C24	E71	
		ASCII code	**Binary code**
MELSEC iQ-R series module MELSEC iQ-L series module MELSEC-Q/L series module	1 to 7904 points	1 to 3584 points	1 to 7168 points
MELSEC-QnA series module Module on other station via MELSEC-QnA series network module	1 to 3952 points	1 to 1792 points	1 to 3584 points
MELSEC-A series module	1 to 160 points		

■Write data

Specify the value to be written to a device for the number equivalent to the specified number of device points. (☞ Page 72 Read data, write data)

Communication example

Write values to M100 to M107. (Subcommand: for MELSEC-Q/L series)

■Data communication in ASCII code

■Data communication in binary code