

## Product Discontinuation Notice

Issue Date  
May, 2023  
20221013\_DOP\_00004

### Product Discontinuation

Programmable Terminals

**Model NV3W-M□□0(L)-V1**



### Recommended Replacement

Programmable Terminals

**Model NB3Q-TW01B-V1**



#### [ Final order entry date ]

The end of November, 2023

(The final order entry date may be effective earlier when the order reaches the limited number.)

#### [ Date of The Last Shipping ]

The end of January, 2024

#### [ Scheduled date of maintenance close ]

The end of November, 2028

(The final maintenance close date may be effective earlier when the maintenance parts reaches the limited number.)

#### [ Caution on recommended replacement ]

At the time of this notices, NB-V1 is under planning and development as a recommended replacement, so the existing NB is the recommended products.

#### [ Difference from discontinued product ]

| Recommended replacement Model | Body Color | Dimensions | Wire connection | Mounting Dimensions | Characteristics | Operation ratings | Operation methods |
|-------------------------------|------------|------------|-----------------|---------------------|-----------------|-------------------|-------------------|
| NB3Q-TW01B                    | *          | --         | --              | --                  | --              | --                | --                |

\*\* : Compatible

\* : The change is a little/Almost compatible

-- : Not compatible

- : No corresponding specification

#### [ Product Discontinuation and recommended replacement ]

| Product discontinuation | Recommended replacement |
|-------------------------|-------------------------|
| NV3W-MG20L-V1           | NB3Q-TW01B-V1           |
| NV3W-MG20-V1            | NB3Q-TW01B-V1           |
| NV3W-MG40-V1            | NB3Q-TW01B-V1           |
| NV3W-MR20L-V1           | NB3Q-TW01B-V1           |
| NV3W-MR20-V1            | NB3Q-TW01B-V1           |
| NV3W-MR40-V1            | NB3Q-TW01B-V1           |

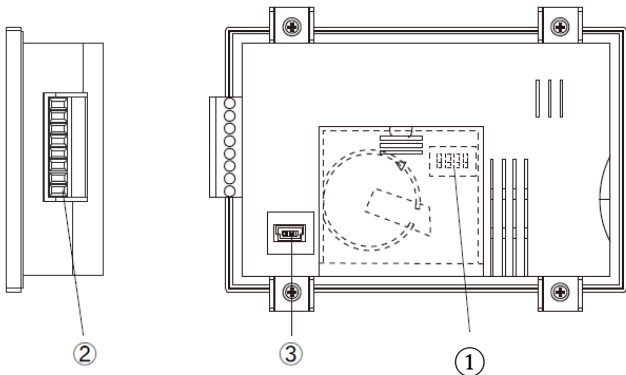
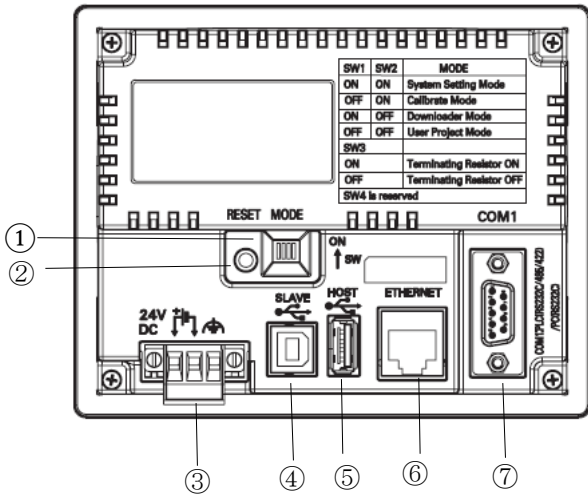
#### [ Body color ]

| Product discontinuation<br>Model NV3W-M□□0(L)-V1 | Recommended replacement<br>Model NB3Q-TW01B-V1 |
|--|--|
| Black  | Black  |

## [ Dimensions ]

| Product discontinuation<br>Model NV3W-M□□0(L)-V1 | Recommended replacement<br>Model NB3Q-TW01B-V1 |
|--|--|
| 112x74x27(mm)                                    | 129.8x103.8x52.8(mm)                           |

## [ Wire connection ]

| Product discontinuation<br>Model NV3W-M□□0(L)-V1   | Recommended replacement<br>Model NB3Q-TW01B-V1  |
|--|---|
| <p><b>NV3W-V1</b></p>  <p>① Operation mode switch<br/>② Communications/power supply connector<br/>③ USB port(Type mini-B)</p> |  <p>① Dip switch<br/>② Reset switch<br/>③ Power connector<br/>④ USB slave port<br/>⑤ USB host port<br/>⑥ Ethernet connector<br/>⑦ Serial port</p> |

## [ Mounting dimensions ]

| Product discontinuation<br>Model NV3W-M□□0(L)-V1                        | Recommended replacement<br>Model NB3Q-TW01B-V1                            |
|---|---|
| Panel Cutout<br>105.0+1/0(W), 67.0+1/0(H)<br>Panel thickness: 1.6-4.8mm | Panel Cutout<br>119.0+0.5/0(W), 93+0.5/0(H)<br>Panel thickness: 1.6-4.8mm |

## [ Characteristics ]

| Item                          | Product discontinuation<br>Model NV3W-M□□0(L)-V1   | Recommended replacement<br>Model NB3Q-TW01B-V1  |
|-------------------------------|--|---|
| <b>Power consumption</b>      | NV3W-M□20-V1/M□40-V1<br>1.9W max (80mA max) NV3W-M□20L-V1<br>1W max (200mA max)  | 9W max (400mA max)  |
| <b>Display</b>                | TFT monochrome LCD   | TFT color LCD   |
| <b>Dot number</b>             | 240 (W) × 96 (H) dots  | 320 (W) × 240 (H) dots  |
| <b>Support tool</b>           | NV-Designer Ver.2.0 or later   | NB-Designer   |
| <b>External I/F</b>           | NV3W-M□20(L)-V1: RS-232C (not isolated), Transmission distance: 15 m, Connector: 8-pin<br>NV3W-M□40-V1: RS-422A/485 (not isolated), Transmission distance: 500 m, Connector: 8-pin | RS-232C/422A/485 (not isolated), Transmission distance: 15 m (RS232C), 50m (RS-422A/485), Connector: 9-pin<br>USB host<br>USB2.0 full speed Type-A, 5V, 150mA<br>USB slave<br>USB2.0 full speed Type-B, Transmission distance 5m max<br>Ethernet<br>10BASE-T/100BASE-TX |
| <b>External memory</b>        | -  | USB memory  |
| <b>Backlight life</b>         | 50,000Hours or more  | 50,000Hours or more<br>(25 °C, Bright ness 40%)   |
| <b>Ambient temperature</b>    | 0 to 50°C  | 0 to 50°C   |
| <b>Communication protocol</b> | Host link<br>Modbus-RTU  | Host link<br>Modbus-RTU<br>Ethernet   |

Specifications and prices in this product news are as of the issue date and are subject to change without notice.  
Only main changes in specifications are described in this document. Please be sure to read the relevant catalogs, datasheets, product specifications, instructions, and manuals for precautions and necessary information when using products.