OMRON

Product Discontinuation Notice

Product Discontinuation	Recommended Replacement
Programmable Terminals	Programmable Terminals
Model NV4W-M□□1	**Model NB5Q-TW01B-V1**
Model NV3Q-□□□1	**Model NB3Q-TW01B-V1**

[Final order entry date]

The end of June, 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 August, 2023

[Scheduled date of maintenance close]

The end of June, 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	Dimen-sions	Wire connection	Mounting Dimensions	Charac-teristics	Operation ratings	Operation methods
NB5Q-TW01B	*	--	--	--	--	--	--
NB3Q-TW01B	*	--	--	--	--	--	--

** : Compatible
* : The change is a little/Almost compatible
-- : Not compatible
- : No corresponding specification

[Product Discontinuation and recommended replacement]

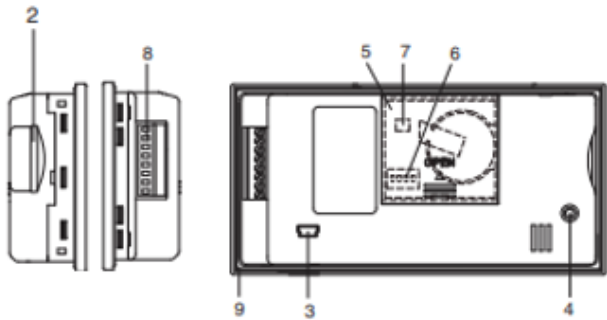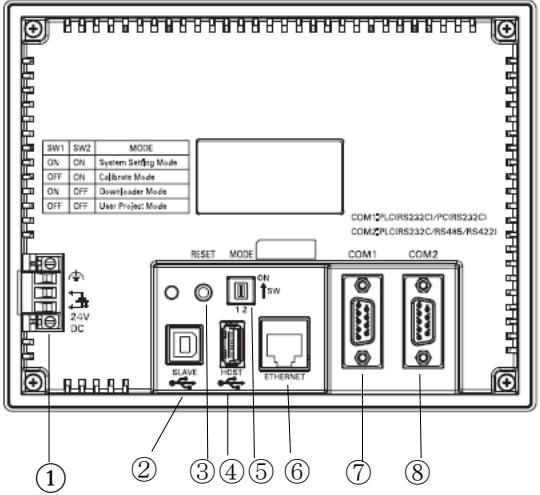| Product discontinuation	Recommended replacement
NV4W-MG21	NB5Q-TW01B-V1
NV4W-MG41	NB5Q-TW01B-V1
NV4W-MR21	NB5Q-TW01B-V1
NV4W-MR41	NB5Q-TW01B-V1
NV3Q-MR21	NB3Q-TW01B-V1
NV3Q-MR41	NB3Q-TW01B-V1
NV3Q-SW21	NB3Q-TW01B-V1
NV3Q-SW41	NB3Q-TW01B-V1

[Body color]

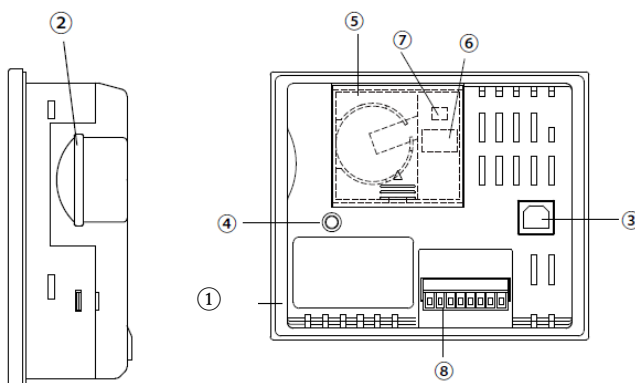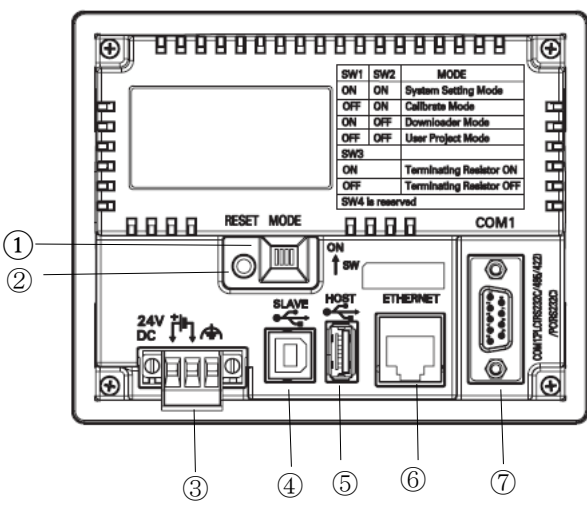| Product discontinuation Model NV4W-M□□1 Model NV3Q-□□□1	Recommendable replacement Model NB5Q-TW01B-V1 Model NB3Q-TW01B-V1
Black	Black

[Dimensions]

Product discontinuation Model NV4W-M□□1	Recommendable replacement Model NB5Q-TW01B-V1
146x74x30(mm)	184x142x46(mm)

Product discontinuation Model NV3Q-□□□1	Recommendable replacement Model NB3Q-TW01B-V1
NV3Q:110x92.2x33.8(mm)	129.8x103.8x52.8(mm)

[Wire connection]

Product discontinuation Model NV4W-M□□1	Recommendable replacement Model NB5Q-TW01B-V1
 ① Waterproof Packings ② SD memory card slot ③ USB port(type mini-B) ④ SD memory card access indicator ⑤ Battery cover ⑥ Operating mode switch ⑦ Battery connector ⑧ Communications/power supply connector	 ① Power connector ② USB slave port ③ Rest switch ④ USB host port ⑤ Dip switch ⑥ Ethernet connector ⑦ Serial port 1 ⑧ Serial port 2

Product discontinuation Model NV3Q-□□□1	Recommendable replacement Model NB3Q-TW01B-V1
  ① Waterproof Packings ② SD memory card slot ③ USB port(type B) ④ SD memory card access indicator ⑤ Battery cover ⑥ Operation mode switch ⑦ Battery connector ⑧ Communications/power supply connector	 ① Dip switch ② Reset switch ③ Power connector ④ USB slave port ⑤ USB host port ⑥ Ethernet connector ⑦ Serial port

[Mounting dimensions]

Product discontinuation Model NV4W-M□□1	Recommended replacement Model NB5Q-TW01B-V1

Panel Cutout
    139+1/0(W), 67+1/0(H)
        Panel thickness:1.6-4.8mm
	Panel Cutout
	    172.4+0.5/0(W), 131.0+0.5/0(H)
	        Panel thickness:1.6-4.8mm

Product discontinuation Model NV3Q-□□□1	Recommended replacement Model NB3Q-TW01B-V1

Panel Cutout
    99.2+1/0(W), 85.2+1/0(H)
        Panel thickness:1.6-4.8mm
	Panel Cutout
	    119.0+0.5/0(W), 93+0.5/0(H)
	        Panel thickbess:1.6-4.8mm

[Characteristics]

Item	Product discontinuation Model NV4W-M□□1	Recommended replacement Model NB5Q-TW01B-V1
Power consumption	1.7W max(70mA max)	10W max (400mA max)
Display	TFT monochrome LCD	TFT color LCD
Dot number	320（W）×120（H）dots	320(W)×240(H) dots
Support tool	NV-Designer Ver.1.1 or later	NB-Designer

External I/F	NV4W-M□21
	  RS-232C (not isolated), Transmission distance: 15 m, Connector: 8-pin
	NV4W-M□41
	  RS-422/A485 (not isolated), Transmission distance: 500 m, Connector: 8-pin
	USB port
	  USB1.1, Mini B, Transmission distance 5m max
		COM port 1
		RS-232C(not isolated), Transmission distance: 15 m(RS232C), Connector: 9-pin
		COM port 2
		RS-232C/422A/485 (not isolated), Transmission distance: 15 m(RS232C), 50m(RS-422A/485), Connector: 9-pin
		
		USB host
		  USB2.0 full speed Type-A, 5V, 150mA
		USB slave
		   USB2.0 full speed Type-B, Transmission distance 5m max
		Ethernet
		10BASE-T/100BASE-TX

External memory	SD memory card（32MB-2GB）	USB memory
Backlight life	50,000Hours or more	50,000Hours or more (25 °C, Bright ness 40%)
Ambient temperature	0 to 50°C	0 to 50°C
Communication protocol	Host link Modbus-RTU	Host link Modbus-RTU Ethernet

Item	Product discontinuation Model NV3Q-□□□1	Recommended replacement Model NB3Q-TW01B-V1

Power consumption	NV3Q-MR□1
	  2.4W max（100mA max）
	NV3Q-SW□1
	  3.6W max（150mA max）
		9W max (400mA max)

Display	NV3Q-MR
	  TFT monochrome LCD
	NV3Q-SW
	  TFT color LCD
		TFT color LCD

Dot number	240（W）×96（H）dots	320(W)×240(H) dots
Support tool	NV-Designer Ver.1.0 or later	NB-Designer

External I/F	NV3Q-□□21: RS-232C (not isolated),
	Transmission distance: 15 m,
	Connector: 8-pin
	NV3Q-□□41: RS-422/A485 (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
		USB host
		  USB2.0 full speed Type-A, 5V,
		150mA
		USB slave
		    USB2.0 full speed Type-B,
		    Transmission distance 5m max
		Ethernet
		10BASE-T/100BASE-TX

External memory	SD memory card（32MB-2GB）	USB memory
Backlight life	50,000Hours or more	50,000Hours or more (25 °C, Bright ness 40%)
Ambient temperature	0 to 50°C	0 to 50°C
Communication protocol	Host link Modbus-RTU	Host link Modbus-RTU 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.