

## Product Discontinuation Notices

March 1, 2012

Programmable Terminals

No. 2012E007

### Discontinuation Notice of NP5 series programmable terminal.

#### Product Discontinuation Programmable Terminal



**Model NP5-MQ000**  
**Model NP5-MQ000B**  
**Model NP5-MQ001**  
**Model NP5-MQ001B**  
**Model NP5-SQ000**  
**Model NP5-SQ000B**  
**Model NP5-SQ001**  
**Model NP5-SQ001B**  
**Model NP-NPDC0-V1**



#### Recommended Replacement Programmable Terminal

**Model NB5Q-TW00B**

**Discontinuation date : The end of March, 2013**

#### Caution on recommended replacement

NP5 will be discontinued in the end of March, 2013 due to termination of LCD supply. New series NB5Q-TW00B is the high cost-performance PT with TFT color LCD. New screen designing tool, NB-Designer can be downloaded from Omron's each local web site for free.

#### Difference from discontinued product

| Model      | Body Color | Dimensions | Wire connection | Mounting Dimensions | Characteristics | Operation ratings | Operation methods |
|------------|------------|------------|-----------------|---------------------|-----------------|-------------------|-------------------|
| NB5Q-TW00B | **/--      | *          | *               | **                  | --              | --                | --                |

\*\* : Fully compatible

\* : The change is a little/Almost compatible

-- : Not compatible

- : No corresponding specification

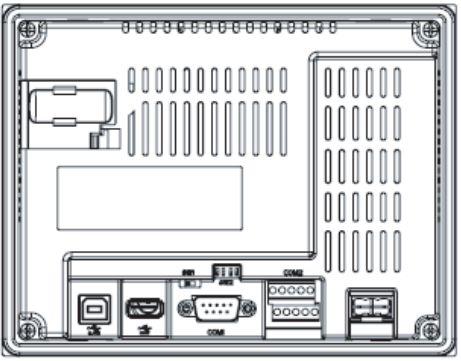
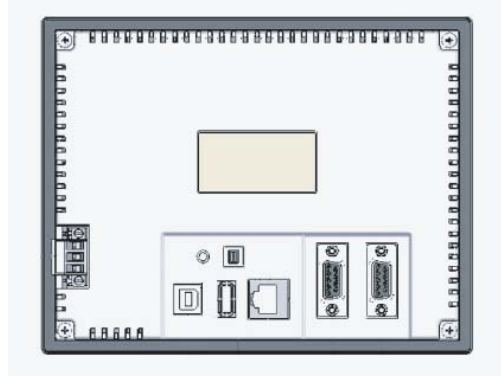
### Product Discontinuation and recommended replacement

| Product discontinuation | Recommended replacement |
|-------------------------|-------------------------|
| NP5-MQ000               | NB5Q-TW00B              |
| NP5-MQ000B              |                         |
| NP5-MQ001               |                         |
| NP5-MQ001B              |                         |
| NP5-SQ000               |                         |
| NP5-SQ000B              |                         |
| NP5-SQ001               |                         |
| NP5-SQ001B              |                         |
| NP-NPDC0-V1             | NB-Designer             |

### Body color

| Product discontinuation<br>Model NP5-MQ/SQ00[] (B) | Recommendable replacement<br>Model NB5Q-TW00B |
|--|---|
| Silver (NP5-MQ/SQ00[])<br>Black (NP5-MQ/SQ00[] B)  | Black color only                              |

### Wire connection

| Product discontinuation<br>Model NP5-MQ/SQ00[] (B)                                  | Recommendable replacement<br>Model NB5Q-TW00B  |
|---|--|
|  |  |

### Mounting dimensions

| Product discontinuation<br>Model NP5-MQ/SQ00[] (B) | Recommendable replacement<br>Model NB5Q-TW00B |
|--|---|
| 172.4 (W) x 132.4 (H) mm                           | 172.4 (W) x 131.0 (H) mm                      |



## Characteristics

| Item                   | Product discontinuation<br>Model NP5-MQ/SQ00[(B)   | Recommendable replacement<br>Model NB5Q-TW00B  |
|------------------------|--|--|
| Display devices        | STN Mono / Color LCD with CFL backlight  | TFT Color LCD with LED backlight   |
| Display color          | 8 grayscale(mono) / 256 (color)  | 65536  |
| Power supply Voltage   | 24VDC (21.6 to 27.6VDC)  | 24VDC (20.4 to 27.6 VDC)   |
| Power consumption      | 12W  | 6W   |
| External interface     | Com port x2<br>(RS-232C and RS- 422A /485)<br>USB x2 (type A and B)  | Com port x2<br>(RS-232C and RS- 232C /422A /485)<br>USB x1 (type B)  |
| Function keys          | 3 or 6 keys  | None (Software function)   |
| Designer software      | NP-Designer (NP-NPDC0-V1)  | NB-Designer<br>no compatibility with NP-D data   |
| Standard               | EC, UL508  | EC, UL508 ( March.2012)  |
| Manuals                | V096 User's manual<br>V102 Host connection manual  | V106 NB-D operation manual<br>V107 Setup manual<br>V108 Host connection manual   |
| Communication protocol | Omron Host Link / NT Link / EJ1<br>Mitsubishi Fx/A/Q<br>Siemens S7-200/300<br>Panasonic FP<br>Schneider Uni-Telway /Twido<br><br>LS Master-K/XGT/Glofa<br>Modbus<br>Allen Bradley MicroLogix/SLC5<br>GE-Fanuc SNP<br>Keyence KV/KZ | Omron Host Link<br>Mitsubishi Fx/Q<br>Siemens S7-200/300/400<br>Panasonic FP<br>Schneider Uni-Telway/Twido<br>Delta DTA/DTB/DTC<br>LS Master-K/XGT<br>Modbus |

## Operation methods

| Product discontinuation<br>Model NP5-MQ/SQ00[(B)  | Recommendable replacement<br>Model NB5Q-TW00B |
|---|---|
| Please refer each manuals and confirmation by test to replace from NP5 to NB5 in your system. |   |