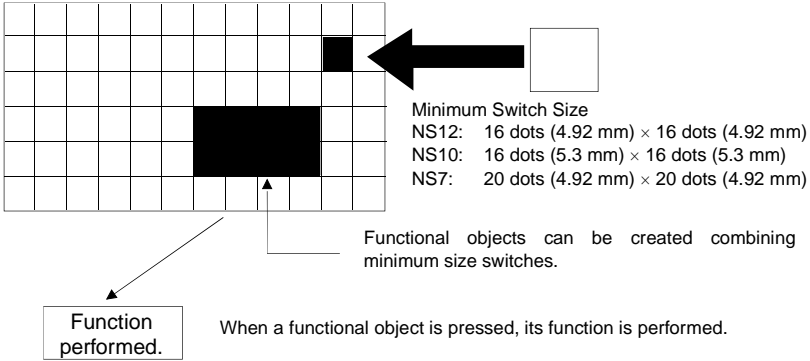## Touch Panel

The touch switches on the front panel of the PT are used to perform input operations. Press the touch switches to perform operations such as switching screens and sending bit status to the host.

Minimum Switch Size
NS12:   16 dots (4.92 mm) × 16 dots (4.92 mm)
NS10:   16 dots (5.3 mm) × 16 dots (5.3 mm)
NS7:   20 dots (4.92 mm) × 20 dots (4.92 mm)

Functional objects can be created combining minimum size switches.

Function performed.

When a functional object is pressed, its function is performed.

To ensure correct input operations, create touch switches so that they consist of at least two switches horizontally and vertically.

Note
- Press the touch switches with a pressure of 30 N max.
- Do not press the touch switches when the backlight is not lit or when there is no display.
- Check system safety before pressing the touch switches.
- Inputs may not be recognized if the touch switches are pressed in rapid succession. Check that one input operation has finished before performing the next one.

Reference   • Pressing Three Switches Simultaneously

When the positions of multiple touch switches are set as shown in the example and three switches are pressed simultaneously, the touch switches will malfunction due to structural characteristics.

Position the touch switches carefully. In the example shown below, switches have been created in positions A and B, and at points C and D, where the vertical and horizontal lines through A and B intersect.

- If touch switches A, B, and C are turned ON simultaneously, switch D may also turn ON due to the structure of the touch panel.
- In the same way, if touch switches A, B, and D are turned ON simultaneously, switch C may also turn ON.

Minimum touch switch frame