

MICREX-SX Series SPH SPH200 Notice of Function Expansion

We would like to thank you for your continued patronage of Fuji Programmable Controllers.

We would like to inform you that Fuji Electric FA has conducted the function expansion by the firmware upgrade in MICREX-SX Series SPH200.

1. Contents of change in SPH200

Item	Type targeted	Item of function expansion
Change of firmware	SPH200 CPU module NP1PH-08 NP1PH-16	(1) Configuration check specified time waiting mode

2. Caution with SPH2000 change

- (1) For the lots manufactured in October 2007 or later, the products have been compliant. Shipment to new one will be changed automatically after current one becomes out of stock.
- (2) Version supported
Firmware version V45 or later will support.
- (3) The prices and type numbers are the same as the current models, remain unchanged.
- (4) To use these functions, upgrading the programming support tool SX-Programmer is required.
 - Expert (D300win) (NP4H-SEDBV3) : V3.4.3.0 or later
 - Standard (NP4H-SWN) : V2.3.4.0 or later

3. Overview of function expansion items

By changing the system operation definition to "Specified time waiting" mode, the configuration check of the slave station connected to a remote master can be executed after "Composition check waiting time" elapses. Even if there is a slave station being connected to a remote master (e.g. POD) which takes time to start up, the system can be normally started by "no fail-soft rising edge" setting. The conventional models have started issuing "minor fault" by "presence of fail-soft rising edge" setting.

When "Specified time waiting" mode is set, the CPU module rise time when the power supply is turned on slows only by "Configuration check waiting time". Adjust "Configuration check waiting time" according to a time-consuming slave station for rising edge.

The default setting is "Waiting configuration coincidence" to keep operation compatibility with the conventional products.