

## MICREX-SX Series SPH Notice of release of 8-point independent contact relay output module

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 released 8-point independent contact relay output modules in MICREX-SX series SPH.

### 1. Product to be released

Product name	Type (Ordering code)	Specification
8-point independent contact relay output module	NP1Y08R-00	8-point relay output, independent contact, screw terminal

### 2. Release date

December 1, 2007

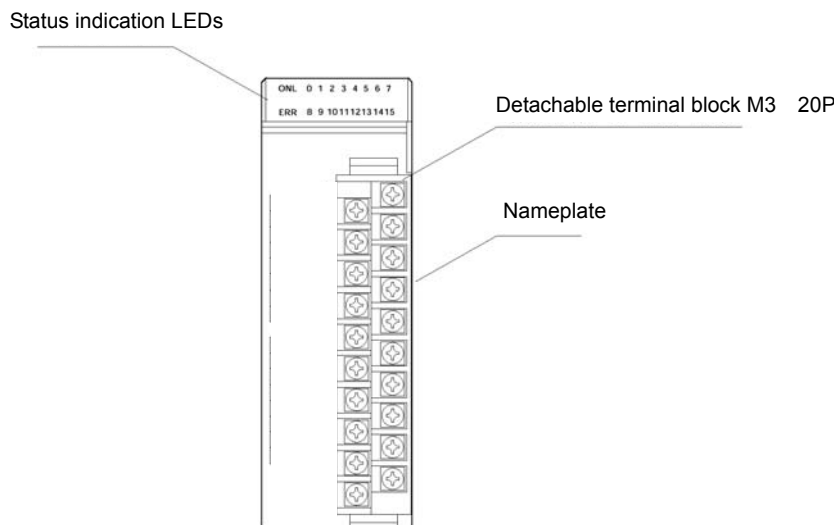
### 3. Product overview

This is an 8-point independent contact relay output module, which is connected to a control processor module via SX bus.

4-point/common type 8-point relay output module NP1Y08R-04 is already available.

The new product can also be used as a substitute module of all points independent contact relay output module in MICREX-F series.

#### (1) External view



## (2) Specifications

Item	Specifications		
Type	NP1Y08R-00		
No. of output points (Common configuration)	8 points (One point/common 8 circuits)		
Output power	Rated voltage	246V AC, 110V DC	
	Voltage tolerance	264V AC or less, 140V DC or less	
	Rated frequency	-	
	Frequency tolerance	-	
Output circuit characteristic	Max. load current	30V DC / 264V AC : 2.2A/point 110V DC : 0.2A/point	
	Min. making and breaking voltage and current	5V DC 1mA	
	Output delay time	OFF→ON	Approx. 10ms
		ON→OFF	Approx. 10ms
	OFF-state leakage current	Max. 0.1mA (at 200V AC 60Hz)	
Type of output	Relay output (AC/DC common use)		
Output protection method	Built-in fuse	None	
	Type of output	Relay output (AC/DC common use)	
	Surge suppression circuit	Varistor	
	Other output protection	None	
Max. operating frequency	1800 operations per hour		
Wiring	External connection	Detachable terminal block, M3 screw 20P	
	Applicable wire size	AWG#22-18	
Input/output signal indication	Green LED ON per signal ON, logic side ONL: Normal (Green LED), ERR: Abnormal (Red LED)		
Insulation method	Relay insulation		
Dielectric strength	1500V AC for 1 min between output terminals connected together and FG		
Insulation resistance	10MW or more (500V DC megger) between output terminals connected together and FG		
Derating condition	None		
External power supply	240V AC, 110V DC: for communication		
Current consumption	24V DC, 100mA or less (at all points ON)		
No. of words occupied	2 words: SX bus direct connection 1 word: on remote I/O link		
Mass	Approx. 170g		

(3) External wiring

