



AFP0RE16X | FP0R Expansion units



※Photo may vary from actual product.

Product Number	AFP0RE16X
Part Number	AFP0RE16X
Product	FP0R Expansion unit
Product name	FP0R Expansion units

Spec Detail

As of May 23, 2021

Specifications and design of the products are subject to change without notice for the product improvement.

Item		Specifications
Product Number	AFP0RE16X	
Part Number	AFP0RE16X	
[[Input specifications]]Rated input voltage	24 V DC	
[[Input specifications]]Applied voltage range	21.6 to 26.4 V DC	
[[Input specifications]]Rated input current	4.7 mA approx. (at 24 V DC)	
[[Input specifications]]Input impedance	5.1 kΩ approx.	
[[Input specifications]]Input points per common	16 points / common	
[[Input specifications]]Min. ON voltage/ON current	19.2 V / 2 mA	
[[Input specifications]]Max. OFF voltage/OFF current	2.4 V / 1.2 mA	
[[Input specifications]]Response time : OFF→ON	2 ms or less	
[[Input specifications]]Response time : ON→OFF	Same as above	
[[Input specifications]]Insulation method	Photocoupler	
[[Input specifications]]Remark	Since the response time of X0 to X7 is very fast (for high-speed counter input) the FP0 happens to chattering noise as an input signal. To prevent this, it is recommended that the timer should be put in the ladder program.	

Accessories



Product Number	AFP0521
Part Number	AFP0521
Product name	I/O cable










Product Number	AFP0523
Part Number	AFP0523
Product name	I/O cable



Product Number	AFP0581
Part Number	AFP0581
Product name	Power cable



					
Product Number	AFP0803	Product Number	AFP0804	Product Number	AFP0807
Part Number	AFP0803	Part Number	AFP0804	Part Number	AFP0807
Product name	Mounting plate	Product name	Mounting plate	Product name	Wire-press socket
					
Product Number	AFP0811	Product Number	AFPX-EFP0	Product Number	DSP2a-DC12V
Part Number	AFP0811	Part Number	AFPX-EFP0	Part Number	AGP2023
Product name	Mounting plate	Product	Expansion FP0 Adapter	Product name	DSP Relays
					
Product Number	DSP2a-DC24V	Product Number	AXY52000FP	Product Number	RT3BB
Part Number	AGP2024	Part Number	AXY52000FP	Part Number	AY30000
Product name	DSP Relays	Product	Pressure contact tool	Product	4-point Terminal
		Details	Multi-wire connector pressure contact tool	Details	4-point Terminal, 12, 24V DC
		Product name	Pressure contact tool	Product name	RT-3 UNIT RELAY 4-POINT TERMINAL
					
Product Number	RT3SP1-12V	Product Number	RT3SP1-24V	Product Number	RT3SP2-12V
Part Number	AY34001	Part Number	AY34002	Part Number	AY35001
Product	RT-3 Unit relay	Product	RT-3 Unit relay	Product	RT-3 Unit relay
Details	Only for DC use. 12V DC type	Details	Only for DC use. 24V DC type	Details	AC/DC dual use. 12V DC type
Product name	RT-3 UNIT RELAY 4-POINT TERMINAL (PhotoMOS Power type)	Product name	RT-3 UNIT RELAY 4-POINT TERMINAL (PhotoMOS Power type)	Product name	RT-3 UNIT RELAY 4-POINT TERMINAL (PhotoMOS Power type)
					
Product Number	RT3SP2-24V	Product Number	AY3802	Product Number	AY3803
Part Number	AY35002	Part Number	AY3802	Part Number	AY3803
Product	RT-3 Unit relay	Product	Short circuit plate	Product	Short circuit plate
Details	AC/DC dual use. 24V DC type	Details	For RT-3 Unit relay, With insulator	Details	For RT-3 Unit relay, Without insulator
Product name	RT-3 UNIT RELAY 4-POINT TERMINAL (PhotoMOS Power type)	Product name	Short circuit plate	Product name	Short circuit plate

