



AFP0RE16RS | FP0R Expansion units



※Photo may vary from actual product.

Product Number	AFP0RE16RS
Part Number	AFP0RE16RS
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	AFP0RE16RS
Part Number	AFP0RE16RS
[[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]]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.
[[Output specifications]]Output type	1a
[[Output specifications]]Rated control capacity	2 A 250 V AC, 2 A 30 V DC (4.5 A / common)
[[Output specifications]]Response time : OFF→ON	10 ms approx.
[[Output specifications]]Response time : ON→OFF	8 ms approx.
[[Output specifications]]Life time : Mechanical	2 x 10 ⁷ operations or more
[[Output specifications]]Life time : Electrical	10 ⁵ operations or more
[[Output specifications]]Surge absorber	None

[[Output specifications]]Output points 8 points / common
per common

Accessories



Product Number **AFP0581**

Part Number **AFP0581**

Product name **Power cable**



Product Number **AFP0802**

Part Number **AFP0802**

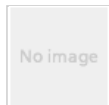
Product name **Terminal socket**



Product Number **AFP0803**

Part Number **AFP0803**

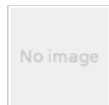
Product name **Mounting plate**



Product Number **AFP0804**

Part Number **AFP0804**

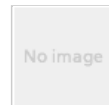
Product name **Mounting plate**



Product Number **AFP0806**

Part Number **AFP0806**

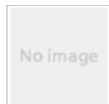
Product name **Screwdriver for terminal socket**



Product Number **AFP0811**

Part Number **AFP0811**

Product name **Mounting plate**

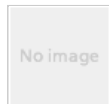


Product Number **AFPX-EFP0**

Part Number **AFPX-EFP0**

Product **Expansion FP0 Adapter**

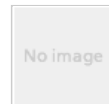
Product name **Expansion FP0 Adapter**



Product Number **DSP2a-DC12V**

Part Number **AGP2023**

Product name **DSP Relays**



Product Number **DSP2a-DC24V**

Part Number **AGP2024**

Product name **DSP Relays**



Product Number **RT3BB**

Part Number **AY30000**

Product **4-point Terminal**

Details **4-point Terminal, 12, 24V DC**

Product name **RT-3 UNIT RELAY 4-POINT TERMINAL**



Product Number **RT3SP1-12V**

Part Number **AY34001**

Product **RT-3 Unit relay**

Details **Only for DC use. 12V DC type**

Product name **RT-3 UNIT RELAY 4-POINT TERMINAL (PhotoMOS Power type)**



Product Number **RT3SP1-24V**

Part Number **AY34002**

Product **RT-3 Unit relay**

Details **Only for DC use. 24V DC type**

Product name **RT-3 UNIT RELAY 4-POINT TERMINAL (PhotoMOS Power type)**



Product Number **RT3SP2-12V**

Part Number **AY35001**

Product **RT-3 Unit relay**

Details **AC/DC dual use. 12V DC type**

Product name **RT-3 UNIT RELAY 4-POINT TERMINAL (PhotoMOS Power type)**



Product Number **RT3SP2-24V**

Part Number **AY35002**

Product **RT-3 Unit relay**

Details **AC/DC dual use. 24V DC type**

Product name **RT-3 UNIT RELAY 4-POINT TERMINAL (PhotoMOS Power type)**



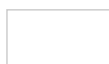
Product Number **AY3802**

Part Number **AY3802**

Product **Short circuit plate**

Details **For RT-3 Unit relay, With insulator**

Product name **Short circuit plate**





Product Number	AY3803
Part Number	AY3803
Product	Short circuit plate
Details	For RT-3 Unit relay, Without insulator
Product name	Short circuit plate

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