

AFP0RE16RS | FP0R Expansion units



※Photo may vary from actual product.

RoHS compliant

Product Number	AFP0RE16RS
Part Number	AFP0RE16RS
Product	FP0R Expansion unit
Product name	FP0R Expansion units

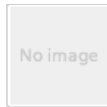
Spec Detail

As of September 04, 2023

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

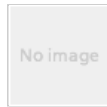
Accessories



Product Number **AFP0581**

Part Number **AFP0581**

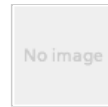
Product name **Power cable**



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**

Discontinued



Product Number **AFP0806**

Part Number **AFP0806**

Product name **Screwdriver for terminal socket**



Product Number **AFP0811**

Part Number **AFP0811**

Product name **Mounting plate**

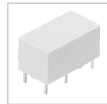


Product Number **AFPX-EFP0**

Part Number **AFPX-EFP0**

Product **Expansion FP0 Adapter**

Product name **Expansion FP0 Adapter**



Product Number **DSP2a-DC12V**

Part Number **AGP2023**

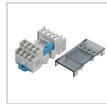
Product name **DS Power Relays**



Product Number **DSP2a-DC24V**

Part Number **AGP2024**

Product name **DS Power Relays**



Product Number **RT3BB**

Part Number **AY30000**

Product **4-point Terminal (Without relay type)**

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

Product name **RT-3 UNIT RELAY (PA-N relay type) /4-POINT TERMINAL (Without relay type)**



Product Number **RT3SP1-12V**

Part Number **AY34001**

Product **RT-3 Unit relay (PhotoMOS Power type)**

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

Product name **RT-3 UNIT RELAY (PhotoMOS Power type) /4-POINT TERMINAL (Without relay type)**



Product Number **RT3SP1-24V**

Part Number **AY34002**

Product **RT-3 Unit relay (PhotoMOS Power type)**

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

Product name **RT-3 UNIT RELAY (PhotoMOS Power type) /4-POINT TERMINAL (Without relay type)**



Product Number **RT3SP2-12V**

Part Number **AY35001**

Product **RT-3 Unit relay (PhotoMOS Power type)**

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



Product Number **RT3SP2-24V**

Part Number **AY35002**

Product **RT-3 Unit relay (PhotoMOS Power type)**

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



Product Number **AY3802**

Part Number **AY3802**

Product **Short circuit plate**

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

Product **Short circuit plate**

Product name	RT-3 UNIT RELAY (PhotoMOS Power type) /4-POINT TERMINAL (Without relay type)	Product name	RT-3 UNIT RELAY (PhotoMOS Power type) /4-POINT TERMINAL (Without relay type)	name
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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