



AFP7Y16P | FP7 Input and Output units

DOWNLOAD CAD data Catalogs Manuals Software ? HELP FAQ

Share Tweet G+

Print This Page



*Photo may vary from actual product.



Product Number	AFP7Y16P
Part Number	AFP7Y16P
Product	FP7 Input and Output Units
Details	Output units
Product name	FP7 Input and Output units

As of January 23, 2018
Specifications and design of the products are subject to change without notice for the product improvement.

Spec Detail

Item	Specifications
Product Number	AFP7Y16P
Part Number	AFP7Y16P

OUTPUT SPECIFICATIONS

Item	Specifications
Insulation method	Photocoupler insulation
Rated control capacity	-
Min. load	-
Output type	Open collector
Rated load voltage	5 to 24 V DC
Load voltage allowable range	4.75 to 26.4 V DC
Max. load current:0.3 A (Y0 to Y7)	1 A
Max. load current:0.1 A (other than that above)	1 A
Common restriction	5 A
Max. surge current	3 A
OFF state leakage current	1 micro A or less
ON state maximum voltage drop	0.5 V or less
Repose time:OFF→ON	0.05 ms or less (at load current 0.5 mA or more)
Repose time:ON→OFF	0.3 ms or less (at load current 0.5 mA or more)
Life time:Mechanical life	-
Life time:Electrical life	-
External power supply:Voltage	4.75 to 26.4 V DC

CONTACT US BY EMAIL

Please click your area to select country or region

- Europe
- Africa
- Middle East
- Asia-Pacific
- East Asia
- The Americas

Albania

BY PHONE

- U.S.A. +1-800-344-2112
- Europe +49-89-45354-1000
- China +86-10-59255988
- Singapore +65-6299-9181

[Global Sales Network](#)

RECOMMENDS

Introduction to Automation Controls



FEATURES

A Vital Piece to the EV and HEV Puzzles



Panasonic Products for Smart Grids Solutions



TOUGH for Mobiles



MID Solutions (MIPTC)



External power supply:Current (at 24 V)	70 mA
Surge absorber	Zener diode
Relay socket	-
Short circuit protection	-
Output points per common	16 points/common
Operating mode indicator	16 points LED display (lights when ON)
External connection method	Terminal block (M3 screw)

COMMON GENERAL SPECIFICATIONS

Item	Specifications
Ambient temperature	0 to +55 degrees +32 to +131 degrees Fahrenheit , at storage: -40 to +70 degrees -40 to +158 degrees Fahrenheit
Ambient humidity	10 to 95 % RH (at 25 degrees 77 degrees Fahrenheit , no condensation), at storage: 10 to 95 % RH (at 25 degrees 77 degrees Fahrenheit , no condensation)
Breakdown voltage	500 V AC for 1 minute (Note) The breakdown voltage is 2,300 V AC, 1 minute.
Insulation resistance	100 MOhm or more (at 500 V DC)
Vibration resistance	5 to 8.4 Hz, single amplitude of 3.5 mm 0.14 in, 1 sweep/min. (IEC61131-2); 8.4 to 150 Hz, constant acceleration of 9.8 m/s ² , 1 sweep/min. (IEC61131-2); for 10 min. each in X, Y, and Z directions
Shock resistance	147 m/s ² or more, 3 times each in X, Y, and Z directions (IEC61131-2)
Noise immunity	1,000 V [p-p] with pulse width 50 ns and 1 micro s (using a noise simulator)
Operating condition	Free from corrosive gasses and excessive dust

INDIVIDUAL GENERAL SPECIFICATIONS

Item	Specifications
Rated voltage range	-
Current consumption	35 mA or less
Net weight	125 g approx.

[↑ Return to top](#)

Accessories (Option)

No image

Product Number	AFP7TER
Part Number	AFP7TER
Product name	FP7 Terminal block

Applicable Products

[+ Programmable Controllers / Interface Terminal](#)

[↑ Return to top](#)

CONTACT US If you have any questions, please select the option below to contact us or find answers.

[CONTACT BY EMAIL / PHONE](#)

[FIND LOCAL OFFICE](#)

[SEARCH FAQ](#)

[↑ Return to top](#)

Customer Satisfaction Survey Questionnaire

Please help us improve Panasonic Automation Controls website by completing our online survey.

We are always looking to make our website more user-friendly and comfortable for you.

We aim to use feedback positively to improve our website, please give us comments or requests you may have.

Please take a few moments to answer these questions about our website. Thank you.

- Easy to understand : yes no
- Easy to find the information you need : yes no
- Practical for your work : yes no

[▶ Comments about our website.](#)

Customer Satisfaction Survey Questionnaire

Please help us improve Panasonic Automation Controls website by completing our online survey.

We are always looking to make our website more user-friendly and comfortable for you.

We aim to use feedback positively to improve our website, please give us comments or requests you may have.

Please take a few moments to answer these questions about our website. Thank you.

- Easy to understand : yes no
- Easy to find the information you need : yes no
- Practical for your work : yes no

[▶ Comments about our website.](#)

[Home](#) [Business > Industrial Devices > Automation Controls Top > FP7 Input and Output units > AFP7Y16P](#)
[Business > Industrial Devices > Automation Controls Top > FP7 Input and Output units > AFP7Y16P](#)

Consumer

[Digital Cameras](#) [Digital Video Cameras](#) [Technics](#) [SD Cards](#) [Batteries](#) [Air Conditioning](#) [Telephones](#)
[Home Network System](#) [Faxes \(Drivers/Software\)](#) [Network Cameras](#) [Mobile Phones \(Software\)](#) [Video Intercom](#) [Tourist Models](#)

Business

[Communication Solutions](#) [Security Systems](#) [Personal Computer](#) [Professional AV](#) [Document & Imaging Solutions](#)
[Optical Disc Archive Solution](#) [Recording Media](#) [Video Intercom](#) [Air Conditioning](#) [Ventilation, Air Purification, etc.](#) [Photovoltaic](#)
[Lighting](#) [Wiring Devices](#) [Factory Flexible wiring System](#) [Housing Equipment Devices](#) [Power Supply Solutions](#)
[Industrial Devices & Solutions](#) [Semiconductor](#) [Automation Controls](#) [Targeting ITS by Panasonic](#) [Healthcare](#)

Support

[About Us](#) [Sustainability](#) [IR](#) [News](#) [Major Exhibitions](#) [Words of Wisdom](#)

 [Print](#)

 [Page top](#)

[Area / Country](#)