

Device Module

This module is used to expand I/O interface for I/O controller. It can be used in combination to suit the application. By employing a screwless connector for input/output connector, it facilitates connection with external devices. It can be used both for Ethernet-based and USB-based remote I/O.

Isolated Digital Input/Output Module

12-24VDC 16 Inputs DI-16(FIT)GY	Isolated	☺
36-48VDC 16 Inputs DI-16H(FIT)GY	Isolated	☺
12-24VDC 8 Inputs/8 Outputs DIO-8/8(FIT)GY	Isolated	☺
36-48VDC 8 Inputs/8 Outputs DIO-8/8H(FIT)GY	Isolated	☺
12-48VDC 16 Outputs DO-16(FIT)GY	Isolated	☺



Item	DI-16(FIT)GY	DI-16H (FIT)GY	DIO-8/8(FIT)GY	DIO-8/8H (FIT)GY	DO-16(FIT)GY
Input Point	16 (8 Points/Common)		8 Point		-
Input Type	Opto-isolated input (for Sink & Source current)				
Output Point	-		8 Point		16 Point
Output Form	Opto-isolated Open Collector Output (Sink current)				
Output Rating (Max.)			150mA	50mA	12-24VDC 150mA
External Circuit Voltage	12-24VDC	36-48 VDC	12-24VDC	36-48VDC	12-48VDC
Response time	1msec (Max.)				
Power Consumption	5VDC ±5%, 150mA (Max.)				
Operating	0-50°C, 10-90%RH (no condensation)				
Dimensions (mm)	25.2(W) x 64.7(D) x 94.0(H) (Exclusive of any protrusion)				
Weight	100g				

Isolated Analogue I/O Module

Analog Input ADI12-8(FIT)GY	Isolated	☺
Analog Output DAI12-4(FIT)GY	Isolated	☺



Item	ADI12-8(FIT)GY	Item	DAI12-4(FIT)GY
Number of channels	8 differential inputs	Number of channels	4 channels
Input Range	Bipolar: ±10V, ±5V Unipolar: 0-10V, 0-5V	Output Range	Bipolar: ±10V, ±5V Unipolar: 0-10V, 0-5V (Output Current: ±5mA)
Resolution	12bit	Resolution	12bit
Input type	Bus Opto-isolated Voltage input	Conversion Speed	[Voltage]10μsec [Current]20μsec
Conversion Speed	Ch40fsec+20μsec	Power Consumption	5VDC ±5%, 400mA (M ax.)
Power Consumption	5VDC ±5%, 350mA(Max.)	Operating	0-50°C, 10-90%RH (no condensation)
Operating	0-50°C, 10-90%RH (no condensation)	Temp./Humidity	0-50°C, 10-90%RH (no condensation)
Temp./Humidity	(no condensation)	Dimensions (mm)	25.2(W) x 64.7(D) x 94.0(H) (Exclusive of any protrusion)
Dimensions (mm)	25.2(W) x 64.7(D) x 94.0(H) (Exclusive of any protrusion)	Weight	100g (Main partonly)
Weight	100g (Mainpartonly)		

Isolated Counter Module

CNT24-2(FIT)GY	Isolated	☺
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Item	CNT24-2(FIT)GY
Number of channels	2 channels
Counting System	24bit UP/DOWN, single-phase or two-phase input
Input type	Opto-isolatedinput (for current sinking output)
Response Frequency	500kHz z duty50% (Max.)
Digital filter	0.1μsec-105.6μsec
Programmable Timer	1msec-200msec
Power Consumption	5VDC ±5%, 150mA (Max.)
Operating	0-50°C, 10-90%RH(no condensation)
Dimensions (mm)	25.2(W) x 64.7(D) x 94.0(H)(Exclusive of any protrusion)

Power Supply

Model Name	Main Function
POW-AD13GY	DIN Rail Installation Type, AC-DC Power Supply Unit, Input:85-132VAC, Output:5VDC 3A
POW-AD 22GY	DIN Rail Installation Type, AC-DC Power Supply Unit, Input:85-264VAC, Output:5VDC 2A
POW-AD 25GY	DIN Rail Installation Type, AC-DC Power Supply Unit, Input:85-264VAC, Output:5VDC 4.6A (230VAC) / 4.2A(115VAC)
POA-AD 22	ACA dapter, AC-DC Power Supply Unit, Input:90-264VAC, Output:5VDC 2A
POW-DD 10GY	DIN Rail Installation Type, DC-DC Power Supply Unit, Input:10-30VDC, Output:5VDC 3A
POW-DD 43GY	DIN Rail Installation Type, DC-DC Power Supply Unit, Input:30-50VDC, Output:5VDC 3A

Other

Model Name	Main Function
SVR-MM F(FIT)GY	Monitoring & Control Server Unit
SVR-SEC (FIT)GY	Security Server Unit
SH-8008(FIT)GY	Built-in 10M /100M Automatic Identification Switching HUB

Management of I/O controller unit

SVR-IOA(FIT)GY automatically circulates up to 8 I/O controller units to collect I/O information and provides the I/O information for upper host through one access. SVR-IOA(FIT)GY also reduces the load on the circuit.

I/O Assist Server Unit

SVR-IOA(FIT)GY

