



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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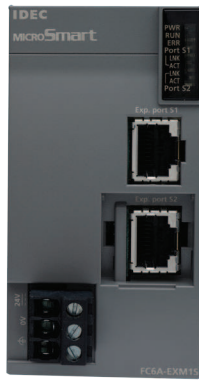
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MicroSmart FC6A Plus PLC

Expansion Interface Module



MASTER MODULE

SLAVE MODULE

FC6A PLUS EXPANSION INTERFACE MODULE (MASTER MODULE) SPECIFICATIONS

Part No.	FC6A-EXM1M
No. of Connectable CPU	Plus: 1
No. of Connectable Slaves	10
Connector	RJ45
Cable	CAT 5. STP
Maximum Cable Length	100m
Isolation from Internal Circuit	Pulse transformer isolation
Power Consumption inside Module	DC5V: 75mA
Weight (approx.)	80g

Note: When using an expansion interface module (separate master type), the no. of connectable expansion modules to the Plus CPU module is 5 maximum. (13 max. modules when using an expansion interface (unibody type))

FC6A PLUS EXPANSION INTERFACE MODULE (SLAVE MODULE) SPECIFICATIONS

Part No.	FC6A-EXM1S	
I/O Expansion	Between CPU module and expansion interface module: Connectable I/O modules	7 maximum (224 I/Os maximum)
	Beyond the expansion interface module: Connectable I/O modules	8 maximum (256 I/Os maximum)
Rated Power Voltage		24V DC
Allowable Voltage Range		20.4 to 28.8V DC
Maximum Power Consumption (*1) (External Power)		24.5W
Allowable Momentary Power Interruption		10ms minimum (24V DC)
Connectable Expansion Modules		Digital I/O Module Analog I/O Module
Isolation from Internal Circuit	Between internal circuits and power supply	Not isolated
	Between input circuits and communication	Pulse transformer isolation
Connector	Insertion/Removal Durability	100 times minimum
	Applicable Ferrules	1-wire: AI 0.5-10 (Phoenix Contact) 2-wire: AI-TWIN 2x0.5-10 (Phoenix Contact)
Communication	Connector	RJ45
	Cable	CAT 5. STP
	Maximum Cable Length	100m
Weight (approx.)		165g

*1: Power consumption by the expansion interface module and seven I/O modules.

KEY FEATURES

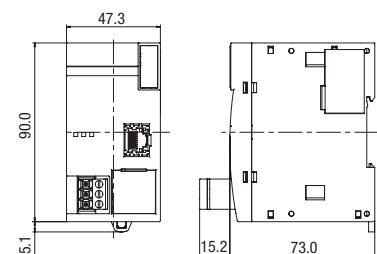
- Easily expand FC6A digital and analog I/O
- Supports 1 master and up to 10 slave modules
- Uses standard RJ45 Ethernet cable



Class I Div2
Hazardous
Location

DIMENSIONS (mm)

FC6A-EXM1S



FC6A-EXM1M

