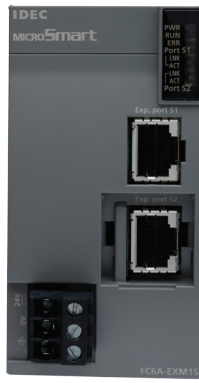


# MicroSmart FC6A Plus PLC

## 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

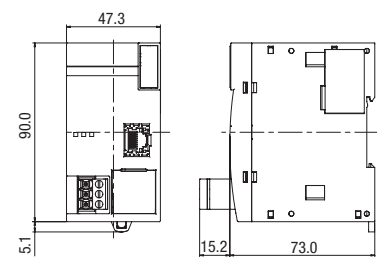
- Easily expand FC6A digital and analog I/O
- Supports 1 master and up to 10 slave modules
- Uses standard RJ45 Ethernet cable



Class I Div2  
Hazardous  
Location

### DIMENSIONS (mm)

FC6A-EXM1S



FC6A-EXM1M

