

MicroSmart FC6A PLC

Expansion Interface Module Specifications



KEY FEATURES

- Required when expanding to more than 7 expansion modules
- Allows FC6A to expand an additional 8 expansion modules

Expansion Interface Module Specifications

Part Number	FC6A-EXM2	
Rated Power Voltage	24V DC	
Allowable Voltage Range	20.4 to 28.8V DC	
Power Consumption	Internal power (supplied from CPU module): 20 mA (5V DC), 0 mA (24V DC) External power: With I/O modules ¹ 750 mA (26.4V DC)	
Maximum Power Consumption (External Power) ¹	0.5W (24V DC)	
Allowable Momentary Power Interruption	10ms minimum (24V DC)	
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)	
Isolation from Internal Circuit	Not isolated	
Connector	Insertion/Removal Durability	100 times minimum
	Applicable Ferrules	1-wire: AI 0.5-10 (Phoenix Contact) 2-wire: AI-TWIN 2×0.5-10 (Phoenix Contact)
Weight (approx.)	150g	

Note 1: Power consumption by the expansion interface module and eight I/O modules.

DIMENSIONS (all dimensions are in mm)

