

**Communication Adapter/Module**

Part Number	FC4A-PC1 FC4A-HPC1	FC4A-PC2 FC4A-HPC2	FC4A-PC3 FC4A-HPC3
Standards	EIA RS232C	EIA RS485	EIA RS485
Maximum Baud Rate	FC5A: 57600bps FC4A: 19200bps	FC5A: 57600bps FC4A: 19200bps	FC5A: 57600bps FC4A: 19200bps (38400 bps <sup>1</sup> )
Maintenance Communication	Possible	Possible	Possible
User Communication	Possible	—	Possible <sup>2</sup>
Data Link Communication	—	—	Possible
Half-duplex Communication	—	—	Possible
Maximum Cable Length	Special cable <sup>3</sup>	Special cable <sup>4</sup>	200 m
Quantity of Slave Stations	—	—	31
Isolation between Internal Circuit and Communication Port	Not isolated		
Recommended Cable for RS485	—		Twisted-pair shielded cable with a minimum core wire of 0.3 mm <sup>2</sup>
Conductor Resistance	—		85Ω/km maximum
Shield Resistance	—		20Ω/km maximum



1. Maximum speed when data link is used.
2. FC5A (all types), FC4A-D20RK1, FC4A-D20RS1, FC4A-D40K3, FC4A-D40S3
3. FC2A-KC4C, FC2A-KM1C, FC4A-KC1C, FC4A-KC2C, FC2A-KP1C
4. FC2A-KP1C

**HMI Module (Optional)**

Part Number	FC4A-PH1
Power Voltage	5V DC (supplied from the CPU module)
Weight	20g

**Memory Cartridge Specifications (Optional)**

Part Number	FC4A-PM32	FC4A-PM64
Memory	EEPROM	
Accessible Memory Capacity	32 KB	64 KB
Hardware for Storing Data	CPU Module	
Software for Storing Data	WindLDR	
Quantity of Stored Programs	One user program can be stored on one memory cartridge	

**Clock Cartridge (Optional)**

Part Number	FC4A-PT1
Accuracy	±30 sec/month (typical) at 25°C
Backup Duration	Approx. 30 days (typical) at 25°C after backup battery fully charged
Battery	Lithium secondary battery
Charging Time	Approx. 10 hours for charging from 0% to 90% of full charge
Replaceability	N/A