



Serial Communications Boards/Units

Unit type	Name	Specifications		Words required	Current consumption (A)		Model
					5 V system	26 V system	
CS1 Inner Board *1	Serial Communications Board 	Two RS-232C ports	The following communications protocols can be selected for each port: protocol macro, host link, NT Link (1:N mode), serial gateway *2, no-protocol *3, or Modbus-RTU Slave *4.	---	0.28 *5	---	CS1W-SCB21-V1
		One RS-232C port and one RS-422A/485 port			0.36 *5	---	CS1W-SCB41-V1
CS1 CPU Bus Unit	Serial Communications Unit 	Two RS-232C ports		1 unit number's words	0.29 *5	---	CS1W-SCU21-V1
		Two RS-422A/485 ports			0.40	---	CS1W-SCU31-V1

*1. A CS1 Inner Board can be mounted only to the Inner Board mounting slot in the CPU Unit of a Single-CPU System. Only one CS1 Inner Board can be mounted.


*2. The serial gateway function is supported by Serial Communications Boards and Units with unit version 1.2 or later only.

*3. The Serial Communications Unit's no-protocol function is supported by Serial Communications Units with unit version 1.2 or later only. In addition the CPU Unit must be unit version 3.0 or later.


*4. The Modbus-RTU Slave function is supported by Serial Communications Boards and Units with unit version 1.3 or later only.

*5. NT-AL001 Link Adapters consume an additional 0.15 A each when used.


EtherNet/IP Unit

Unit type	Product name	Specifications		No. of unit numbers allocated	Current consumption (A)		Model
		Communications cable	Communications functions		5 V system	26 V system	
CS1 CPU Bus Unit	EtherNet/IP Unit 	STP (shielded twisted-pair) cable of category 5, 5e, or higher.	Tag data link and message communications	1 unit number's words	0.41	---	CS1W-EIP21
			Tag data link, message communications, and socket service		0.62	---	CS1W-EIP21S

Ethernet Units

Unit type	Name	Specifications				Words required	Current consumption (A)		Model
		Communications cable	Communications functions	Duplexing	Units per CPU Unit		5 V system	26 V system	
CS1 CPU Bus Unit	Ethernet Units 	100BASE-TX Cable	FINS communications service (TCP/IP and UDP/IP), FTP server function, socket service, mail send service, mail reception (remote command reception), auto-adjustment of PLC's internal clock, and server host name specification	Supported	Not duplexed: 4 Units Duplexed: 4 pairs, 8 Units	1 unit number's words	0.38	---	CS1D-ETN21D
				Not supported	4 Units		0.38	---	CS1W-ETN21

Industrial Switching Hubs

Product name	Appearance	Functions	No. of ports	Accessories	Current consumption (A)	Model
Industrial Switching Hubs		Quality of Service (QoS): EtherNet/IP control data priority 10/100BASE-TX, Auto-Negotiation	5	Power supply connector	0.07	W4S1-05D