

■Serial Communications Boards/Serial Communications Units

Unit type	Product name	Specifications		Mountable Racks							No. of unit numbers allocated	Current consumption (A)		Model
				CPU Rack		C200HX/HG/HE Expansion I/O Rack	CS1 Expansion Rack		CS1 Long-distance Expansion Rack	SYSMAC BUS Slave Rack		5 V system	26 V system	
				CS1W-BC □□3 □□2	CS1W-BI □□3 □□2									
CS1 Inner Board	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 (*1), no protocol (*2), or Modbus-RTU Slave (*3).	*4 Yes	*4 Yes	No	No	No	No	No	---	*5 0.28	---	CS1W-SCB21-V1
		One RS-232C port and one RS-422A/485 port									*5 0.36	---	CS1W-SCB41-V1	
CS1 CPU Bus Unit	Serial Communications Unit 	Two RS-232C ports		Yes	Yes	No	Yes	Yes	Yes	No	1 unit number's words	*5 0.29	---	CS1W-SCU21-V1
		Two RS-422A/485 ports		Yes	Yes	No	Yes	Yes	Yes	No		0.40	---	CS1W-SCU31-V1

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

*2. 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.

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

*4. One Board can be mounted in the Inner Board slot of the CPU Unit.

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

■EtherNet/IP Unit

Unit type	Product name	Specifications		Mountable Racks						No. of unit numbers allocated	Current consumption (A)		Model	
		Communications cable	Communications functions	CPU Rack		C200HX/HG/HE Expansion I/O Rack	CS1 Expansion Rack		CS1 Long-distance Expansion Rack		SYSMAC BUS Slave Rack	5 V system		26 V system
				CS1W-BC □□3 □□2	CS1W-BI □□3 □□2									
CS1 CPU Bus Unit	EtherNet/IP Unit 	STP (shielded twisted-pair) cable of category 5, 5e, or higher.	Tag data link Message communications	*	*	No	*	*	*	No	1 unit number's words	0.41	---	CS1W-EIP21
			Tag data link service, message communications, and socket service											0.62

*Up to eight CS1W-EIP21 EtherNet/IP Units can be mounted to the CS1 CPU Backplane (CS1W-BC□□□) and CS1 Expansion Backplanes (CS1W-BI□□□) of one PLC.

■EtherNet Unit

Unit type	Product name	Specifications		Mountable Racks						No. of unit numbers allocated	Current consumption (A)		Model	
				CPU Rack		C200HX/HG/HE	CS1 Expansion Rack	CS1 Long-distance Expansion Rack	SYSMAC BUS Slave Rack		5 V system	26 V system		
				CS1W-BC	Expansion I/O Rack	CS1W-BI								
CS1 CPU Bus Unit	EtherNet Unit 	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	* Yes	* Yes	No	* Yes	* Yes	* Yes	No	1 unit number's words	0.38	---	CS1W-ETN21

*Up to four CS1W-ETN21 Ethernet Units can be mounted to the CS1 CPU Backplane (CS1W-BC□□□) and CS1 Expansion Backplanes (CS1W-BI□□□) of one PLC.