

● 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

■ Controller Link 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 CPU Bus Unit	Controller Link Unit	Wired shielded twisted-pair cable *1 	*4 Yes	*4 Yes	No	*4 Yes	*4 Yes	Yes	No	1 unit number's words	0.33	---	CS1W-CLK23
		Optical ring H-PCF cable *2 	*4 Yes	*4 Yes	No	*4 Yes	*4 Yes	Yes	No		0.52	---	CS1W-CLK13
		Optical ring GI cable *3 	*4 Yes	*4 Yes	No	*4 Yes	*4 Yes	Yes	No		0.65	---	CS1W-CLK53
	 Controller Link Support Board	Wired shielded twisted-pair cable *1	• CD-ROM × 1 *5 • Installation Guide (W467) × 1 • Communications Connector × 1							---			3G8F7-CLK23-E
		H-PCF optical model	• CD-ROM × 1 *5 • Installation Guide (W467) × 1 • Optical Fiber Cable Bracket × 1 • Power Supply Connector × 1										3G8F7-CLK13-E
		GI optical model											3G8F7-CLK53-E

● Controller Link Options

Product name	Specifications	Model
Relay Terminal Block for Wired Controller Link Unit	Use for Wired Controller Link Units (set of 5).	CJ1W-TB101
Controller Link Repeater Unit 	Wire-to-Wire Model	CS1W-RPT01
	Wire-to-Optical (H-PCF) Model *2	CS1W-RPT02
	Wire-to-Optical (GI) Model *3	CS1W-RPT03

- *1. Use the following special cable for shielded, twisted-pair cable.
- ESVC0.5 × 2C-13262 (Bando Electric Wire: Japanese Company)
 - ESNC0.5 × 2C-99-087B (JMACS Japan Co., Ltd.: Japanese Company)
 - ESPC 1P × 0.5 mm² (Nagaoka Electric Wire Co., Ltd.: Japanese Company)
 - Li2Y-FCY2 × 0.56qmm (Kromberg & Schubert, Komtec Department: German Company)
 - 1 × 2 × AWG-20PE+Tr.CUSN+PVC (Draka Cables Industrial: Spanish Company)
 - #9207 (Belden: US Company)
- *2. When using wire-to-optical (H-PCF) cable, use a H-PCF cable (for both Controller Link and SYSMAC LINK) or a H-PCF optical fiber cable with connector.
- *3. When using wire-to-optical (GI) cable, use a GI optical cable (for Controller Link).
- *4. • Up to four Pre-Ver. 1.2 Controller Link Units (both CS1W-CLK21-V1 Wired Units and CS1W-CLK□2-V1 Optical Units combined) can be mounted to the CS1 CPU Backplane (CS1W-BC□□□) and CS1 Expansion Backplanes (CS1W-BI□□□) of one PLC.
• Up to eight Controller Link Units with unit version 1.2 or later (both CS1W-CLK21-V1 Wired Units and CS1W-CLK□2-V1 Optical Units combined) can be mounted to the CS1 CPU Backplane (CS1W-BC□□□) and CS1 Expansion Backplanes (CS1W-BI□□□) of one PLC.
- *5. The CD-ROM contains the following software.
- Controller Link (PCI) Driver
 - FinsGateway Version 2003 (PCI-CLK Edition)
 - FinsGateway Version 3 (PCI-CLK Edition)
 - Setup Diagnostic Utility
 - C Library