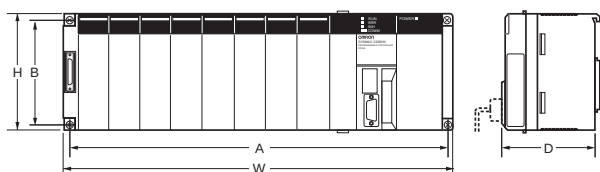


Dimensions/Mounting Dimensions

(Unit: mm)

External Dimensions

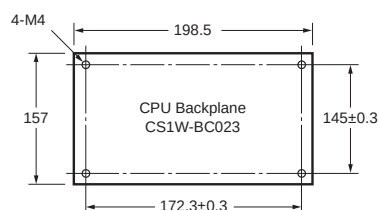


Backplane model	A	B	W	H	D*
CS1W-BC022/023 (2 slots)	172.3	145	198.5	157	123
CS1W-BC032/033 (3 slots)	246	118	260	132	123
CS1W-BC052/053 (5 slots)	316	118	330	132	123
CS1W-BC082/083 (8 slots)	421	118	435	132	123
CS1W-BC102/103 (10 slots)	491	118	505	132	123

* The depth is 153 mm for the C200HW-PA209R/PD025 Power Supply Unit.
The depth is 111 mm for the C200HW-PA204C Power Supply Unit.

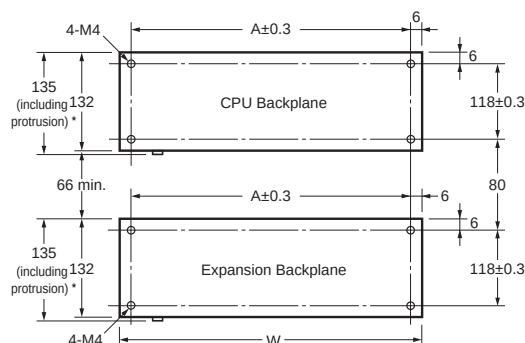
Backplane Mounting Dimensions

For 2 I/O Slots



Note: An Expansion Backplane cannot be connected to a 2-slot CPU Backplane.

For 3, 5, 8, or 10 I/O Slots



* The CS1D Backplane has no protrusions.

Product name	Model	A	W
CPU Backplanes	CS1W-BC022/023 (2 slots)	172.3	198.5
	CS1W-BC032/033 (3 slots)	246	260
	CS1W-BC052/053 (5 slots)	316	330
	CS1W-BC082/083 (8 slots)	421	435
	CS1W-BC102/103 (10 slots)	491	505
Expansion Backplanes	CS1W-BI032/033 (3 slots)	246	260
	CS1W-BI052/053 (5 slots)	316	330
	CS1W-BI082/083 (8 slots)	421	435
	CS1W-BI102/103 (10 slots)	491	505
	C200HW-BI031 * (3 slots)	175	189
	C200HW-BI051 * (5 slots)	245	259
	C200HW-BI081-V1 * (8 slots)	350	364
	C200HW-BI101-V1 * (10 slots)	420	434

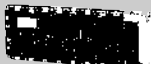
* Product no longer available to order.

Expansion Racks

Select the Backplane, Power Supply Unit, and Expansion Cable. If the expansion length is more than 12 m, an I/O Interface Unit is also required.

Expansion Backplanes

Normal Expansion (Not Long-distance Expansion)

Product name	Specifications		Mountable configuration units						Current consumption (A)		Model
			Basic I/O Units			Special I/O Units		CPU Bus Units	5 V system	26 V system	
			CS-series Basic I/O Unit	C200H-series Basic I/O Unit	C200H Group-2 High-density I/O Unit	CS-series Special I/O Unit	C200H-series Special I/O Unit	CS-series CPU Bus Unit			
CS1 Expansion Backplanes 	For CS-series Unit only Note: C200H-series Units cannot be mounted.	3 slots	Yes	No	No	Yes	No	Yes	0.23	---	CS1W-BI032
		5 slots							0.23	---	CS1W-BI052
		8 slots							0.23	---	CS1W-BI082
		10 slots							0.23	---	CS1W-BI102
	For both CS/C200H-series Units	3 slots	Yes	Yes	Yes	Yes	Yes	0.23	---	CS1W-BI033	
		5 slots						0.23	---	CS1W-BI053	
		8 slots						0.23	---	CS1W-BI083	
		10 slots						0.23	---	CS1W-BI103	
	Dimensions (mm)		3 slots (CS1W-BI032/033): 260 x 132 (W x H) 5 slots (CS1W-BI052/053): 330 x 132 (W x H) 8 slots (CS1W-BI082/083): 435 x 132 (W x H) 10 slots (CS1W-BI102/103): 505 x 132 (W x H)								
	C200HX/HG/HE Expansion I/O Backplane 	For C200H-series Unit only Note: CS-series Units cannot be mounted.	3 slots	No	Yes	Yes	No	Yes	No	0.15	---
5 slots			0.15							---	C200HW-BI051 *
8 slots			0.15							---	C200HW-BI081-V1 *
10 slots			0.15							---	C200HW-BI101-V1 *
Dimensions (mm)		3 slots (C200HW-BI031): 189 x 132 (W x H) 5 slots (C200HW-BI051): 259 x 132 (W x H) 8 slots (C200HW-BI081-V1): 364 x 132 (W x H) 10 slots (C200HW-BI101-V1): 434 x 132 (W x H)									

*Product no longer available to order.

Long-distance Expansion

Product name	Specifications		CPU Unit mounted to CPU Backplane	Mountable configuration units						Current consumption (A)		Model
				Basic I/O Units			Special I/O Units		CPU Bus Units	5 V system	26 V system	
				CS-series Basic I/O Unit	C200H-series Basic I/O Unit	C200H Group-2 High-density I/O Unit	CS-series Special I/O Unit	C200H-series Special I/O Unit	CS-series CPU Bus Unit			
CS1 Expansion Backplanes 	For CS-series Unit only Note: C200H-series Units cannot be mounted.	3 slots	CS1 CPU Unit	Yes	No	Yes	No	Yes *	0.23	---	CS1W-BI032	
		5 slots							0.23	---	CS1W-BI052	
		8 slots							0.23	---	CS1W-BI082	
		10 slots							0.23	---	CS1W-BI102	
	For both CS/C200H-series Units	3 slots							0.23	---	CS1W-BI033	
		5 slots							0.23	---	CS1W-BI053	
		8 slots							0.23	---	CS1W-BI083	
		10 slots							0.23	---	CS1W-BI103	

*CS-series CPU Bus Units can be mounted in a Long-distance Expansion Rack, but the I/O refreshing time is longer than it is when the CPU Bus Unit is mounted in the CPU Rack.

Note 1: C200H-series Units cannot be mounted to CS-series Expansion Backplanes (CS1W-BI□□2).

Note 2: CS-series Units cannot be mounted to C200HX/HG/HE Expansion I/O Backplanes (C200HW-BI□□2).