EtherNet/IP Unit

Unit classifi-cation	Product name	Specifications			No. of unit numbers allocated	Current con-sumption (A)		Model
		Communications cable	Communications func-tions	Max. Units mount-able per CPU Unit		5 V	24 V	
CJ1 CPU Bus Unit	EtherNet/IP Unit	STP (shielded twisted-pair) cable of category 5, 5e, or higher	Tag data link message service	4	1	0.41	---	CJ1W-EIP21 *

* Supported only by the EtherNet/IP Units with unit version 2.1 or later , CPU Units with unit version 1.01 or later and the Sysmac Studio version 1.02 or higher.

EtherCAT Slave Unit

Unit classifi-cation	Product name	Specifications	Communications type	No. of unit numbers allocated	Current con-sumption (A)		Model
					5 V	24 V	
CJ1 CPU Bus Units	EtherCAT Slave Unit	STP (shielded twisted-pair) cable of category 5 or higher with double shielding	Refreshing methods: Free-Run Mode PDO DATA SIZE: TxPDO 400byte or less/RxPDO: 400byte or less	1	0.34	---	CJ1W-ECT21 *

* When using with the Machine Automation Controller NJ /NXSeries, use CPU Units with unit version 1.10 or later and the Sysmac Studio version 1.13 or higher.

DeviceNet Unit

Unit classifi-cation	Product name	Specifications	Communications type	No. of unit numbers allocated	Current con-sumption (A)		Model
					5 V	24 V	
CJ1 CPU Bus Units	DeviceNet Unit	Functions as master and/or slave; allows control of 32,000 points max. per master.	• Remote I/O communications master (fixed or user-set allocations) • Remote I/O communications slave (fixed or user-set allocations) • Message communications	1	0.29	---	CJ1W-DRM21

Note: 1. Simple backup function cannot be used.
2. DeviceNet configurator cannot be used. Use CX-Integrator.

CompoNet Master Unit

Unit classifi-cation	Product name	Specifications		No. of unit numbers allocated	Current con-sumption (A)		Model
		Communications functions	No. of I/O points per Master Unit		5 V	24 V	
CJ1 Special I/O Units	CompoNet Master Unit	Remote I/O communications Message communications	Word Slaves: 2,048 max. (1,024 inputs and 1,024 outputs) Bit Slaves: 512 max. (256 inputs and 256 outputs)	1, 2, 4, or 8	0.4	---	CJ1W-CRM21 *

Note: 1. Simple backup function cannot be used.
2. The FINS command to the CompoNet Master Unit cannot be issued.
* Supported only by the CPU Units with unit version 1.01 or later and the Sysmac Studio version 1.02 or higher.

ID Sensor Units

Unit classifi-cation	Product name	Specifications			No. of unit numbers allocated	Current con-sumption (A)		Model
		Connected ID Systems	No. of connected R/W heads	External power supply		5 V	24 V	
CJ1 CPU Bus Units	ID Sensor Units	V680-Series RFID System	1	Not required.	1	0.26	0.13 *	CJ1W-V680C11
			2		2	0.32	0.26	CJ1W-V680C12

Note: The data transfer function using intelligent I/O commands can not be used.
* To use a V680-H01 Antenna, refer to the V680 Series RFID System Catalog (Cat. No. Q151).