

EtherCAT Junction Slave

GX-JC03/JC06

CSM_GX-JC03_JC06_DS_E_1_3

Realizing flexible wiring solutions

EtherCAT junction slave for open network
realize super high speed machine control



Features



- Realizing flexible wiring by daisy chain and branch
- Compact size as the industry's smallest *
Compact size as width 25 mm (3-port type) realizing space saving on the board
- Power supply voltage operable for long distance wiring
Operable with 24 VDC. The range of power-supply voltage is from maximum 28.8 VDC to minimum 20.4 VDC in consideration of a power voltage drop by long distance wiring.

* As of August 2011 According to our own research.

Ordering Information

International Standards

- The standards are abbreviated as follows: U: UL, U1: UL (Class I Division 2 Products for Hazardous Locations), C: CSA, UC: cULus, UC1: cULus (Class I Division 2 Products for Hazardous Locations), CU: cUL, N: NK, L: Lloyd, and CE: EC Directives.
- Contact your OMRON representative for further details and applicable conditions for these standards.

Product name		No. of ports	Power supply voltage	Current consumption (A)	Model	Standards
EtherCAT Junction Slave		3	20.4 to 28.8 VDC (24 VDC -15 to +20%)	0.08	GX-JC03	CE, UC1
		6		0.17	GX-JC06	

Note: Please do not connect EtherCAT junction slave with OMRON position control unit, Model CJ1W-NC□81/□82.

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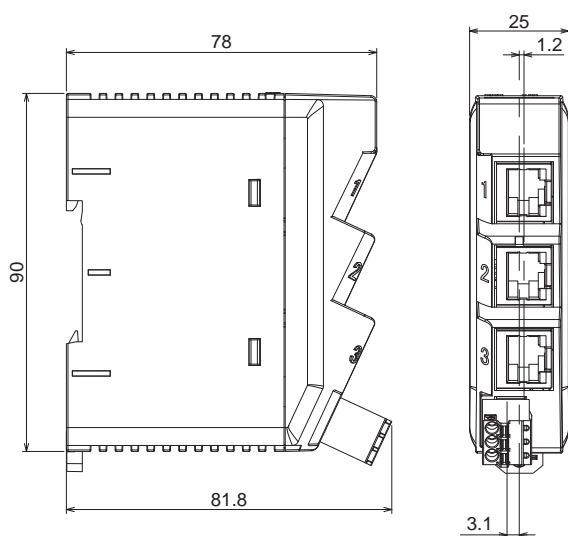
General Specifications

Item	Specifications	
	GX-JC03	GX-JC06
Common Specifications	Power supply voltage	20.4 to 28.8 VDC
	Current consumption	80 mA / 170 mA
	Ambient operating temperature	-10 to 55°C
	Ambient operating humidity	25% to 85% (with no condensation)
	Ambient storage temperature	-25 to 65°C
	Ambient storage humidity	25% to 85% (with no condensation)
	Dimensions	25 mm × 78 mm × 90 mm / 48 mm × 78 mm × 90 mm
Weight	165 g / 220 g	

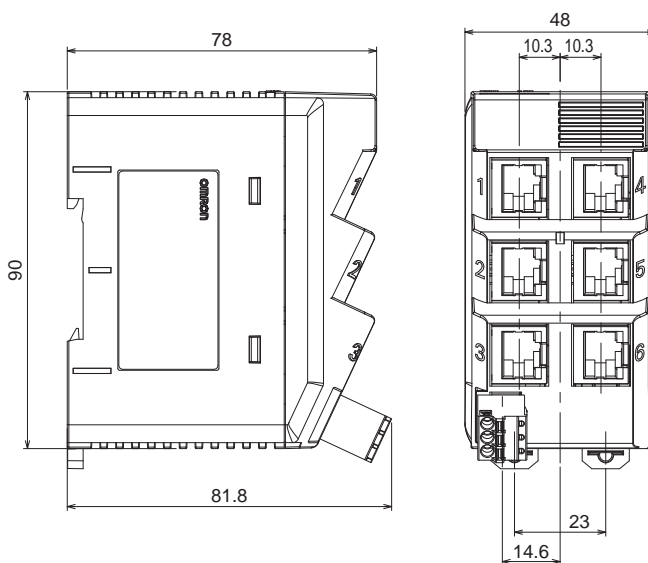
Dimensions

(Unit: mm)

GX-JC03



GX-JC06



Functions

Summary of Functions	GX-JC03	GX-JC06
No. of ports	3 (1 in 2 out)	6 (1 in 5 out)
No. of nodes	1	2
Indicator	Power, Link/Act	
Auto MDI/MDIX	Supported	
Reference clock	Supported	

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