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# EtherCAT Junction Slave GX-JC03/JC06

CSM\_GX-JC03\_JC06\_DS\_E\_1\_1

## 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	<b>GX-JC03</b>	CE, UC1
		6		0.17	<b>GX-JC06</b>	

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

EtherCAT® is a registered trademark and patented technology, licensed by Beckhoff Automation GmbH, Germany.

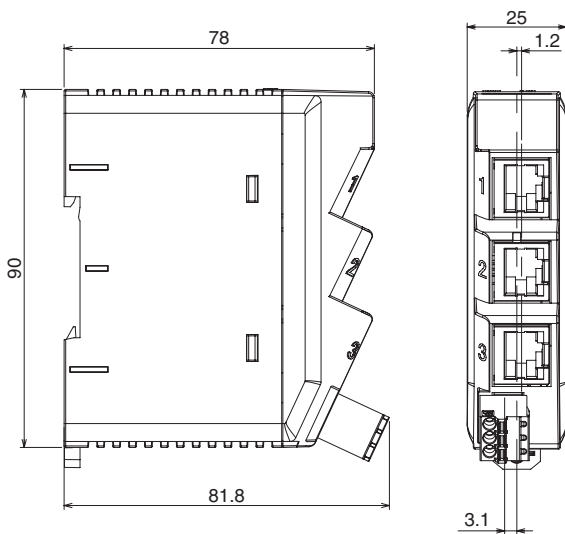
## General Specifications

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	

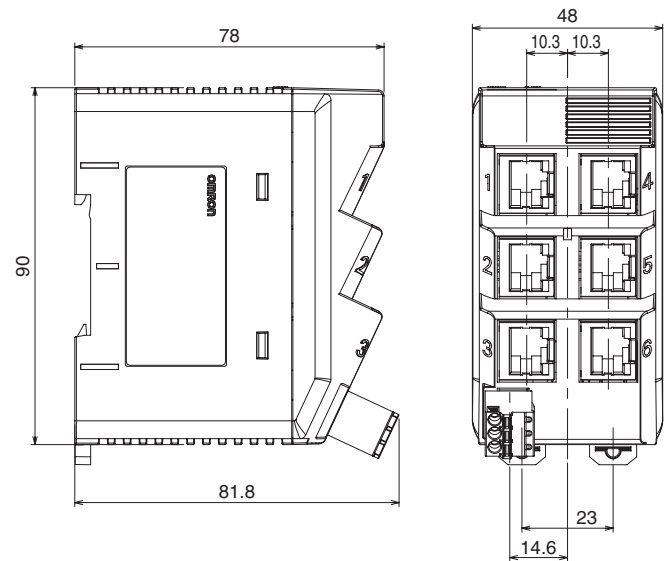
## Dimensions

(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	

## Read and Understand This Catalog

Please read and understand this catalog before purchasing the products. Please consult your OMRON representative if you have any questions or comments.

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- Systems, machines, and equipment that could present a risk to life or property.

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2011.9

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