

YASKAWA ELECTRIC CORPORATION

Slave Devices for MECHATROLINK-II

IO2310, IO2330, PL2900, PL2910, AN2900, AN2910

Features

Models:

JEPMC-PL2900 (Counter) / PL2910 (Pulse Output)

JEPMC-AN2900 (Analog Input) / AN2910 (Analog Output)

PL2900, PL2910, AN2900, AN2910



Specifications

Module Name	Item	Specifications
64-point I/O Modules (IO2310/IO2330)	I/O Signals	Input: 64 points, 24VDC, 5 mA, sink/source mode input Output: 64 points, 24VDC, 50 mA when all points ON* sink mode output (IO2310), source mode output (IO2330) *: The max. rating is 100 mA per point (depending on derating conditions).
Counter Module (PL2900)	Number of Input Channels	2
	Functions	Pulse counter, notch output
	Pulse Input Method	Sign+pulse (1/2 multipliers), A/B (1/2/4 multipliers), UP/DOWN (1/2 multipliers)
	Max. Counter Speed	1200 kpps (4 multipliers)
Pulse Output Module (PL2910)	Number of Output Channels	2
	Functions	Pulse positioning, JOG run, zero-point return
	Pulse Output Method	CW, CCW pulse, sign+pulse
	Max. Output Speed	500 kpps
Analog Input Module (AN2900)	Number of Output Channels	4
	Input Voltage Range	-10V to +10V
	Input Impedance	1MΩ min.
	Data Format (Binary)	-32000 to +32000
Analog Output Module (AN2910)	Number of Output Channels	2
	Output Voltage Range	-10V to +10V
	Max. Allowable Load Current	±5mA (2kΩ)
	Data Format (Binary)	-32000 to +32000

MECHATROLINK specifications

IO2310, IO2330

		M- I	M- II	
		17-byte	17-byte	32-byte
Command	Simple I/O	×	×	×
Transmission cycle		2ms	1ms, 1.5ms, 2ms	

PL2900, PL2910, AN2900, AN2910

		M- I	M- II	
		17-byte	17-byte	32-byte
Command	Simple I/O	×	×	×
Transmission cycle		2ms	1ms, 1.5ms, 2ms	

Contact Information

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