MECHATROLINK Master product connectivity data sheet   (Year) 2007 /(Month) 12 /(Day) 12

Name of Company	OMRON CORPORATION
Model	SYSMAC CS/CJ Series Position Control Units
Product type	CJ1W-NCF71/CS1W-NCF71
Version	V1.x , V2.x

1.Supported Specification: Check the supported specification.

■ :Mandatory spec	▨ :One of specifications are supported.	□ :Optional spec

				Category 3	Category 2	Category 1
Communication specification	Protcol	MECHATROLINK-I	17byte			
		MECHATROLINK-II	17byte	■	■	▨
			32byte	■	■	X
	Transmission Cycle	MECHATROLINK-I	2ms			
		MECHATROLINK-II	1ms	■	■	X
			2ms	■	■	X
			Other supported transmission cycles			0.25,0.5, 3,4,5,6, 8ms
Supported slave device		Servo driver		■	■	X
		Stepping motor driver		■	■	
		Intelligent I/O		■	■	
		Simple I/O		■	■	
		Inverter		■		
Communication type		Synchronous		■	▨	X
		Asynchronous		■	▨	▨

2.Supported commands: Check the supported command.

Command Group	Command	Supported	Command Group	Command	Supported	Command Group	Command	Supported
Common	NOP		Simple I/O	MDS		Inverter	INV_CTL	
	PRM_RD	X		CDRW			INV_I/O	
	PRM_WR	X	Intelligent I/O	DATA_RWA				
	ID_RD	X		DATA_RWS				
	CONFIG	X	Servo/ stepping	SMON	X			
	ALM_RD	X		SV_ON	X			
	ALM_CLR	X		SV_OFF	X			
	SYNC_SET	X		INTERPOLATE	X			
	CONNECT	X		POSING	X			
	DISCONNECT	X		FEED	X			
	PPRM_RD			LATCH				
	PPRM_WR	X		EX_POSING	X			
	POS_SET	X		ZRET	X			
	BRK_ON			VELCTRL	X			
	BRK_OFF			TRQCTRL	X			
	SENS_ON	X		ADJ				
	SENS_OFF	X		LTMOD_ON				
	HOLD	X		LTMOD_OFF				

3.Supported Slave devices list (However, it does not guarantee operation of the indicated slave device.)

No.	Name of Company	Product type	Connection conditions	Note
1	OMRON Corporation	R7D-ZN01H-ML2	Version V2.0 or later	
2	OMRON Corporation	R7D-ZN02H-ML2	Version V2.0 or later	
3	OMRON Corporation	R7D-ZN04H-ML2	Version V2.0 or later	
4	OMRON Corporation	R7D-ZN08H-ML2	Version V2.0 or later	
5	OMRON Corporation	R88D-WNA5L-ML2		
6	OMRON Corporation	R88D-WN01L-ML2		
7	OMRON Corporation	R88D-WN02L-ML2		
8	OMRON Corporation	R88D-WN04L-ML2		
9	OMRON Corporation	R88D-WNA5H-ML2		
10	OMRON Corporation	R88D-WN01H-ML2		
11	OMRON Corporation	R88D-WN02H-ML2		
12	OMRON Corporation	R88D-WN04H-ML2		
13	OMRON Corporation	R88D-WN05H-ML2		
14	OMRON Corporation	R88D-WN08H-ML2		
15	OMRON Corporation	R88D-WN10H-ML2		
16	OMRON Corporation	R88D-WN15H-ML2		

3.Supported Slave devices list (However, it does not guarantee operation of the indicated slave device.)

No.	Name of Company	Product type	Connection conditions	Note
17	OMRON Corporation	R88D-WN20H-ML2		
18	OMRON Corporation	R88D-WN30H-ML2		
19	OMRON Corporation	FNY-NS115		for W Series Servo
20	YASKAWA Electric Corporation	JUSP-NS115		for W Series Servo