Compact, Multiple Functionality and High Performance



Controller side





10

8 MPRDY2 (DC24V power source is to be provided by customers)

I/O N	lodule	Select from the (Common special section (Common special section secti	he four types matching to the specifications of EXRS-C1 and EXR	Socket	
Туре			Descriptions		B1 B20
NPN (Parallel I/O)			16 Inputs (External DC24V±10%, 4mA drain/1 point/+Common) 16 Outputs (External DC24V±10%, 50mA/1 point, 0.4A max. / 8 points, Sinking)		
PNP (Parallel I/O)			16 Inputs (External DC24V±10%, 4mA /-Common) 16 Outputs (External DC24V±10%, 50mA/1 point, 0.4A max. / 8 points, Sourcing)		A1
CC-LINK			CC-Link applicable to Ver1.10, Remote Device Station (1)		
	DeviceNet	De	DeviceNet Slave 1 Node (PLC settings file is available on MISUMI's website)		
Para	allel I/O (Control S	Signal Function D	escriptions	
Туре	Pin No.	Signal Nam	ne Meaning	Description	
Input	A1&A2	+COM	I/O Power Supply Input +Common (24V)	· External Power Supply (+) Terminal · DC24±10%	
	A3&A4	NC	Not Connected	Not used.	
	A5~A12	PIN0~7	Point No. Set (Binary)	Specify the point No. of the set target position Specify point No. for current position input (in manual operation mode).	
	A13	JOG+	Jog Operation (+)	Inching/Jog moves in + direction (in manual mode)	
	A14	JOG-	Jog Operation (-)	Inching/Jog moves in - direction (in manual mode)	
	A15	MANUAL	Manual Mode	Switch to Manual Mode	
	A16	ORG	Return to Home	Start Homing	///////////////////////////////////////
	A17	/LOCK	Interlock	External input is allowed. When set to OFF during movement, deceleration is stopped.	///////////////////////////////////////
	A18	START	Start Operation	Starts positioning operation towards specified point No.	
	A19	RESET	Reset	Reset Alarm Reset Point No. Output Clear remaining travel distance in relative positioning operation	(Ribbon cable)
	A20	SERV0	Servo ON	Motor ON/OFF	Y Y
Output	B1~B8	POUT0~7	Output Point No. (Binary)	Outputs point number to be specified by positioning operation Outputs alarm No. in the event of alarm occurrence (Enable/Disable setting is available)	
	B9	OUTO	Control Output 0	Arhitrarily allocate from the following depending on the "Parameter settings"	
	B10	OUT1	Control Output 1	Zone Output, Individual Zone Output, Manual Mode Status, Completion of	
	B11	OUT2	Control Output 2	Homing,	
	B12	OUT3	Control Output 3	@Hard Stop, Alarm Output, Proximity Output, In Motion	
	B13	BUSY	In Operation	ON in operation	
	B14	END	Completion of Operation	Sets the Operation result to ON through Output, upon successful completion.	
	B15	/ALM	Alarm	ON in normal status, OFF output in the event of alarm status	
	B16	SRV-S	Servo Status	Set to ON at the time of power is supplied to the motor.	4
	B17~B18	NC	Not Connected	Not used.	► H A 20
	B19~B20	-COM	I/O Power Supply Input -Common (0V)	External power supply (-) terminal Inputs to External OV terminal.	in [™]
					cut off cable

Standard COM1 port communication specifications (RS232C) Communication Specifications CC-Link Network Board Specification DeviceNet Network Board Specification CC-Link Network Specification DeviceNet Network Specification Specifications Item Item Item Communication Pro CC-Link V1.10 Compatible DeviceNet Specification Volume 1 Release2.0/Volume 2 Release2.0 Transmission Rate 38400bps Station Remote Device Station Device Type Generic Device Data Bit Length 8 bits MAC ID Setting Number of Stations Occu 1 Station 0~63 Stop Bit Lengt 1 bit 1~64 125kpbs 250kbps 500kbps Station Number Settin Communication Speed Setting Parity Odd 56Kbps 625Kbps 2.5Mbps 5Mbps 10Mbps 250m Flow control Total Extended Distance 100m Communication Speed Settin 500m Not provided 1200m 900m 400m 160m 100m Total Extended Distanc Monitor LED Communication Method Full-duplex Communication lule. Netw Monitor LED RUN, ERR, SD, RD

I/O Circuit Diagram

Output Area

NPN Specifications



PNP Specifications Input Area



Output Area









+COM

Load

-COM

DC24V