

Panasonic A6 Servo Motor Driver Parameters Setting		
No.	Name of Parameters	Value
PRO. 01	Control Mode	0
PRO. 05	Command Pulse Input Selection	0
PRO. 06	Command Pulse Polarity Setting	0
PRO. 07	Command Pulse Input Mode Setting	1
PRO. 08	Number of Command Pulse Running Circle	10000
PRO. 11	Pulse Output Per Running Circle	2500
PRO. 02	Real Time Auto-adjusting Setting	0
PRO. 03	Real Time Auto-adjustment Mechanical Rigidity Setting	13
PRO. 04	Inertia Ratio	1250
PRO. 16	Discharge Resistor External Installation Setting	1
Attention: Any Amendment to PR0.00, PR0.12 Must be Amended Simultaneously		

Wiring - Panasonic A6 Servo Motor Driver							
Igus Cable	Sun Cable	Pin No.	Signal Definition	Signal Explanation	Pin No.	Signal Definition	Explanation
Pink/Red	Yellow/Red	10	P+	Positive Pulse	3	PULSH1	Command Pulse Input 1
Red/Blue	Yellow/Black	11	P-		4	PULSH2	
Grey,Pink/Red	White/Red	13	S+	Reversal Pulse	5	SIGNH1	Command Pulse Input 2
Green/Brown	White/Black	14	S-		6	SIGNH2	
Brown	Orange/Red	2	A+	Phase A Feedback Pulse Input	21	OA+	Phase A Pulse Output
Red	Orange/Black	3	A-		22	OA-	
Yellow	Orange/Red2	4	B+	Phase B Feedback Pulse Input	48	OB+	Phase B Pulse Output
Green	Orange/Black2	5	B-		49	OB-	
Blue	Grey/Red	6	Z+	Phase Z Feedback Pulse Input	23	OZ+	Phase Z Pulse Output
Purple	Grey/Black	7	Z-		24	OZ-	
Black	Pink/Red	1	+24V	+24V Power	7	COM+	External Control Power Supply +
White	Grey/Black2	9	0V	+24V GND	41	COM-	External Control Power Supply -
					36	ALM-	Servo Alarm -
					10	BRKOFF-	Motor Brake -
Green/White	Pink/Black	15	ALRM	Servo Motor Driver Alarm	37	ALM+	Servo Alarm +
					11	BRKOFF+	Motor Brake +
Grey	Grey/Red2	8	SON	Servo Enable	29	SRV-ON	Servo Enable
Remarks: For 50Pin Cable No.7 (Brown) & No.11 (Blue) Should be Independent 2 Cores Shield Cable							

Terminal Block Definition

Block No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Pin No.	L1	L1	N1	N1	L11	L11	L11	L11	N11	N11	N11	N11	L12	L12	N12	N12

Name

Drawing No.

Review

Date

Pages

50 Pins Connector Definition

Power-SW6-0015

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