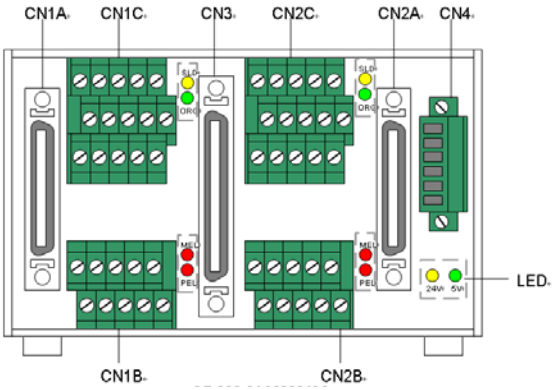
ADAM-3968M/YS2 Yaskawa Sigma II Series Startup Manual

Board Components



Slot	Description
CN1A/CN2A	Connector to Servo Driver
CN1B/CN2B	Machine I/O Pin Descriptions
CN1C/CN2C	Machine I/O Pin Descriptions
CN3	Connector to PCI-1247
CN4	External Power Input connector
LED	Status Display

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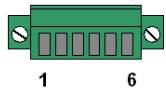
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This manual is for ADAM-3968M/YS2.

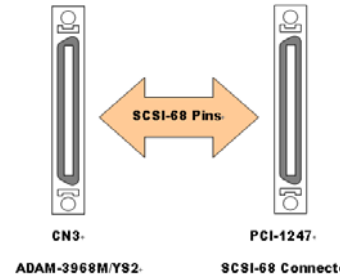
Part No. 2003396850 1st Edition
August 2004

CN4 External Power Input Connector



Pin	Label	Description
1	24V	DC 24V
2	GND	DC 24V Ground
3	FG	Field Ground
4	24V	DC 24V
5	GND	DC 24V Ground
6	FG	Field Ground

CN3 Connector to PCI-1247



CN1B/CN2B Pin Descriptions

Label	General Description
24V	DC 24V Power Output
GND	Ground
EMG	Emergency Stop Input
CMP	Position Compare signal Output
DI	Digital Input Signal
DO	Digital Output Signal
BRK+	Machinery Break Signal (+) Input
BRK-	Mechanical Brake Release Signal (-) Input

CN1C/CN2C Pin Descriptions

Label	General Description
24V	DC 24V Power Output
GND	Ground
PEL	End Limit Signal (+)
MEL	End Limit Signal (-)
ORG	Home Signal Input
SLD	Ramp-Down Signal Input
LTC+	Latch Signal Input (+)
LTC-	Latch Signal Input (-)

CN1A/CN2A Connector to Servo Driver



PIN	Label	Used	PIN	Label	Used
1	SG	No	26	/VMP-	Yes
2	SG	No	27	/TGON+	Yes
3	PL1	No	28	/TGON	Yes
4	SEN	No	29	/S-RDY+	Yes
5	V-REF	No	30	/S-RDY	Yes
6	SG	No	31	ALM+	Yes
7	PULS	Yes	32	ALM	Yes
8	*PULS	Yes	33	PAO	Yes
9	T-REF	No	34	*PAO	Yes
10	SG	No	35	PBO	Yes
11	SIGN	Yes	36	*PBO	Yes
12	*SIGN	Yes	37	AL01	No
13	PL2	No	38	AL02	No
14	*CLR	Yes	39	AL03	No
15	CLR	Yes	40	/S-ON	Yes
16	-	No	41	P-CON	No
17	-	No	42	P-OT	Yes
18	PL3	No	43	N-OT	Yes
19	PCO	Yes	44	/ALM-RST	Yes
20	*PCO	Yes	45	/P-CL	No
21	BAT+	No	46	/N-CL	No
22	BAT-	No	47	+24-IN	Yes
23	-	No	48	PSO	No
24	-	No	49	POS	No
25	/V-CMP+	Yes	50	-	No

LED Status Display

Label	Description
5VON	DC 5V Power Input Ready
24VON	DC 24V Power Input Ready
PEL	End Limit Signal (+)
MEL	End Limit Signal (-)
ORG	Home Signal Input
SLD	Ramp-Down Signal Input

CN1A/CN2A Connector to Servo Driver

