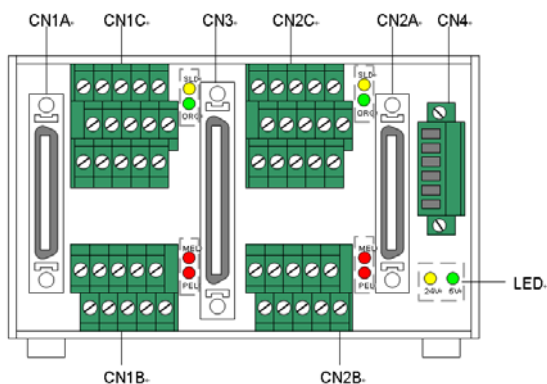


ADAM-3968M/PMA Panasonic® Minas A Series Startup Manual

Board Components



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

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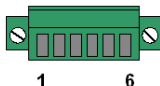
This manual is for ADAM-3968M/PMA

Part No. 2003396830

1st Edition
August 2004

Component Descriptions and Settings

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

CN1C/CN2C Pin Descriptions

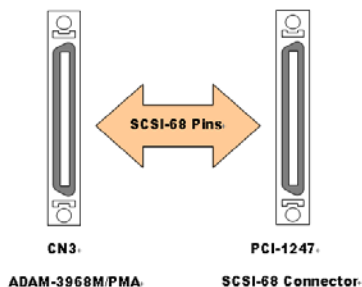
Label	Description
24V	DC 24V Power Output
GND	Ground
PEL	End Limit Signal (+)
MEL	End Limit Signal (-)
ORG	Home Signal Input
SLD	Ramp-Down Signal Input
LTC+	Latch Signal Input (+)
LTC-	Latch Signal Input (-)

CN1A/CN2A Pin Descriptions



PIN	Label	Used	PIN	Label	Used
1		No	26	ZEROSPD	No
2		No	27	GAIN	No
3	PULS1	Yes	28	DIV	No
4	PULS2	Yes	29	SRV-ON	Yes
5	SIGN1	Yes	30	CL	Yes
6	SIGN2	Yes	31	A-CLR	Yes
7	COM+	Yes	32	C-MODE	No
8	CWL	Yes	33	INH	No
9	CCWL	Yes	34	S-RDY-	Yes
10	BRKOFF-	Yes	35	S-RDY+	Yes
11	BRKOFF+	Yes	36	ALM-	Yes
12	ZSP	No	37	ALM+	Yes
13	GND	Yes	38	COIN-	Yes
14	SPR/TRQR	No	39	COIN+	Yes
15	GND	No	40	TLC	No
16	CCWTL/TRQR	No	41	COM-	Yes
17	GND	No	42	IM	No
18	CWTL	No	43	SPM	No
19	CZ	No	44	BATT+	No
20		No	45	BATT-	No
21	OA+	Yes	46		No
22	OA-	Yes	47		No
23	OZ+	Yes	48	OB+	Yes
24	OZ-	Yes	49	OB-	Yes
25	GND	Yes	50	FG	No

CN3 Connector to PCI-1247



CN1B/CN2B Pin Description

Label	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

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

