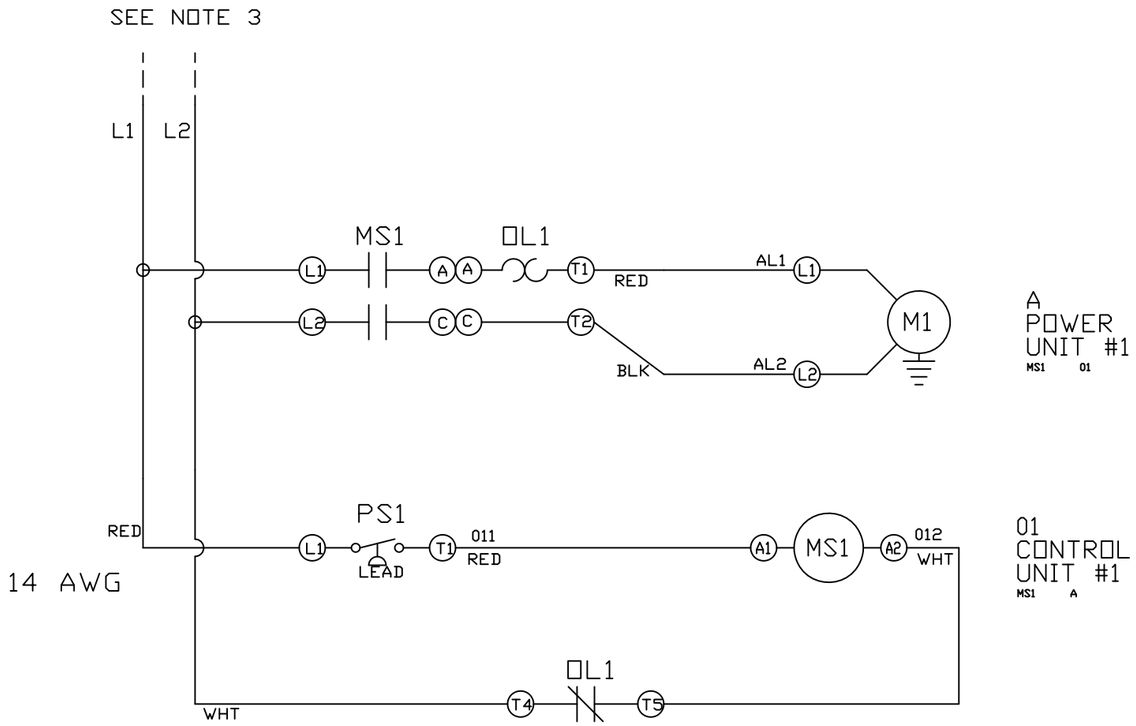


REV	REVISION	DATE	ECN	NAME	CHKD
B-1	RELEASE TO PRODUCTION	08/29/22	PXEC0525	VAG	KMD
C-1	CHANGED 3-PH WIRE COLOR	08/08/23	PXEC0559	VAG	VAG
D-1	UPDATED BORDER & FLAS	11/08/24	PXEC0616	VAG	VAG
E-1	UPDATED 208V MOTOR DATA	9/23/25	PXEC0668	MJV	MJV
F-1	UPDATED 460V/3P 1HP MOTOR DATA	5/1/26	PXEC0731	JA	GR

NOTES:

1. SEE TABLE 2 FOR TIGHTENING TORQUES
2. PANEL GROUND MUST BE CONNECTED TO EARTH GROUND
3. INSTALLER TO PROVIDE MAIN DISCONNECTING DEVICE WITH SHORT CIRCUIT PROTECTION FOR THIS ELECTRICAL ASSEMBLY. SEE TABLE 1 FOR REQUIREMENTS.
4. ALL WIRES MUST BE LABELED ON BOTH ENDS

TABLE 1
PANEL DATA 1ø – 60 Hz

(A) LOAD SPECIFCATIONS						(B) BRANCH CIRCUIT PROTECTION – PROVIDED BY INSTALLER		
PANEL PART NUMBER	MOTOR SIZE EA	POWER (V/PH)	MOTOR	MOTOR LOAD EACH (FLA)	PANEL LOAD TOTAL (FLA)	NONTIME DELAY FUSE (A)	TIME-DELAY FUSE (A)	INVERSE-TIME CIRCUIT BREAKER (A)
-01AJ	1	115V/1ø	MC304700AV	8.80	9.2	30	20	25
-05AJ	1	208V/1ø	MC304700AV	4.40	4.6	15	10	15
-06AJ	1	230V/1ø	MC304700AV	4.30	4.5	15	10	15

NOTE– ADJUST OVERCURRENT PROTECTION DEVICE NOT TO EXCEED 115% OF MOTOR NAMEPLATE FLA VALUE

TABLE 2
TERMINAL TIGHT. TORQUES

COMPONENT	TERMINAL	TIGHTENING TORQUE (LB-IN)
MS1	L1	22
	L2	
	A	
	C	
	A1	6
	A2	6
OL1	A	20
	C	
	T1	
	T2	
	T4	6
	T5	6
PS1	L1	20
	T1	20

OPTIONAL:

POWEREX

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DRAWN BY	CHECKED BY	ENGINEERING APPROVAL
VAG	KMD	KMD
08/29/22	08/29/22	08/29/22

PANEL TYPE
CLIMATE CTRL SIMPLEX
SINGLE PHASE THERMAL OVL

DWG. TYPE WIRING

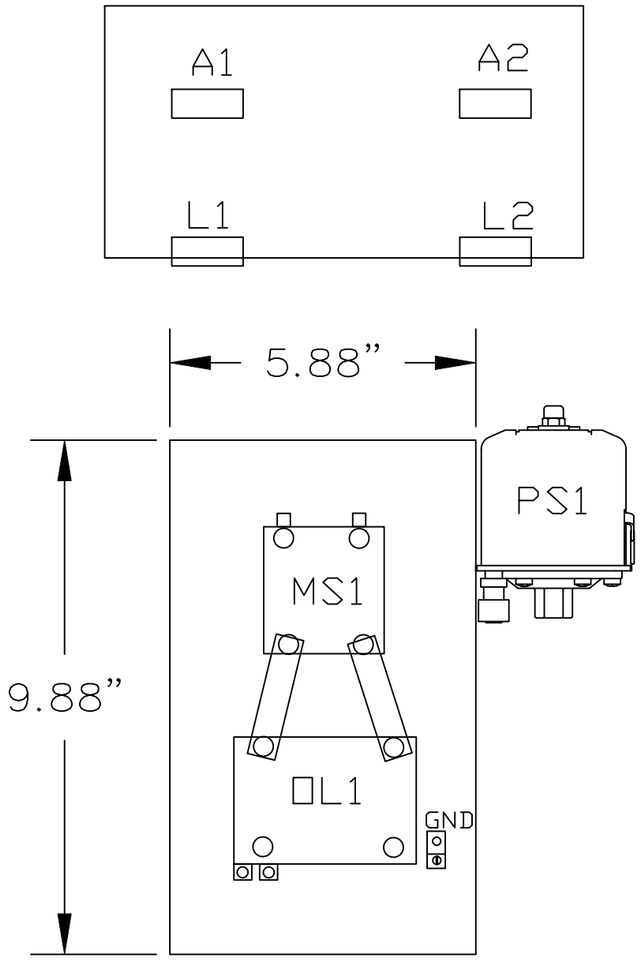
DWG. NO.
PCI-100

SHEET W-1

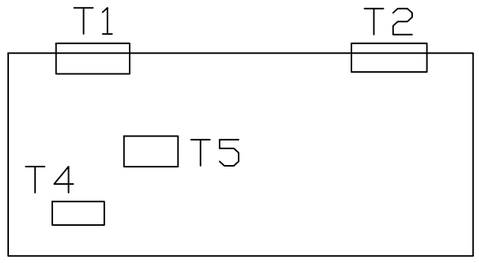
SIZE B

PCI-100 D1

REV	REVISION	DATE	ECN	NAME	CHKD
B-1	RELEASE TO PRODUCTION	08/29/22	PXEC0525	VAG	KMD
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TOP OF MS1
TERMINAL
REFERENCES



BOTTOM OF OL1
TERMINAL
REFERENCES

OPTIONAL:

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DRAWN BY	CHECKED BY	ENGINEERING APPROVAL
VAG	KMD	KMD
08/29/22	08/29/22	08/29/22

PANEL TYPE

CLIMATE CTRL SIMPLEX
SINGLE PHASE THERMAL OVL

DWG. TYPE LAYOUT

DWG. NO.

PCI-100

SHEET L-1

SIZE B

PCI-100 D1