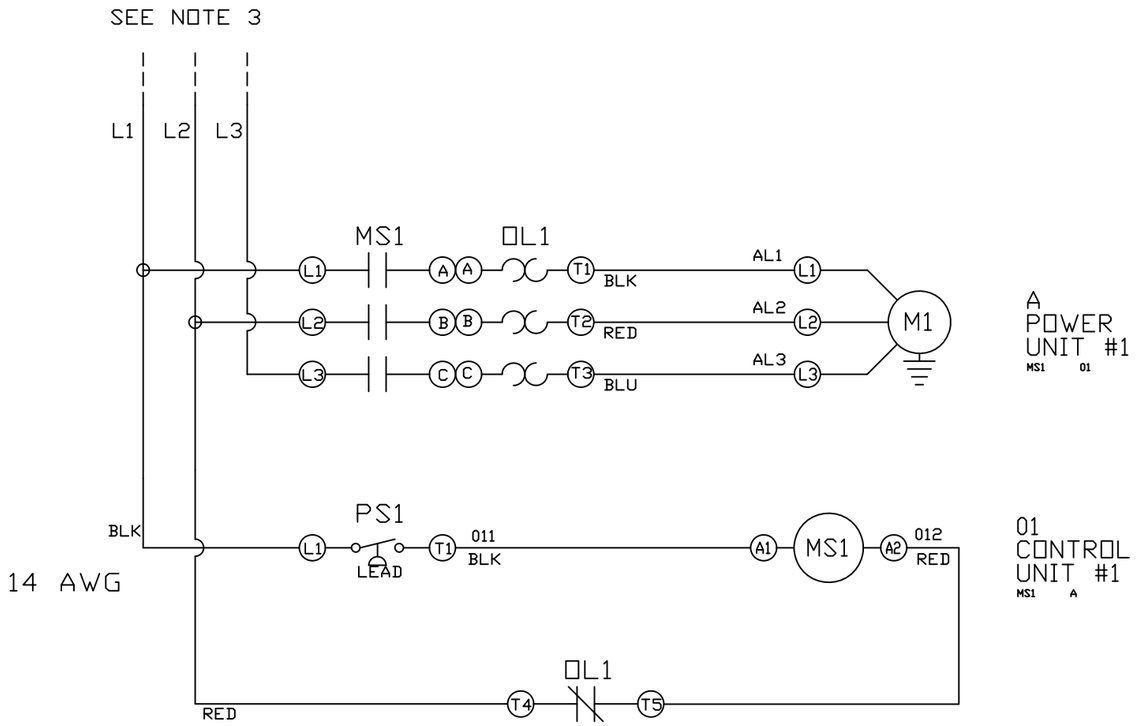
REV	REVISION	DATE	ECN	NAME	CHKD
B-1	RELEASE TO PRODUCTION	08/29/22	PXEC0525	VAG	KMD
C-1	CHANGED 3-PH WIRE COLOR	08/08/23	PXEC0559	VAG	VAG
D-1	UPDATED BORDER & FLAS	11/08/24	PXEC0616	VAG	VAG
E-1	UPDATED 208V MOTOR DATA	9/23/25	PXEC0668	MJV	MJV
F-1	UPDATED 460V/3P 1HP MOTOR DATA	5/1/26	PXEC0731	JA	GR



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 3ø – 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)
-02AJ	1	208V/3ø	MC304702AV	3.50	3.5	15	15	15
-03AJ	1	230V/3ø	MC301512AV	3.00	3.2	10	10	15
-04AJ	1	460V/3ø	MC301512AV	1.6	1.6	6	6	15
-22AJ	2	208V/3ø	MC034601AV	5.57	5.6	20	15	15
-23AJ	2	230V/3ø	MC034501AV	5.38	5.6	20	10	15
-24AJ	2	460V/3ø	MC034501AV	2.69	2.8	10	6	15
-32AJ	3	208V/3ø	MC304237AV	8.80	8.8	30	20	25
-33AJ	3	230V/3ø	MC304201AV	7.72	7.9	25	15	20
-34AJ	3	460V/3ø	MC304201AV	3.86	4.0	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	
	L3	
	A	
	B	
	C	
	A1	6
	A2	6
OL1	A	20
	B	
	C	
	T1	
	T2	
	T3	
	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
3 PHASE THERMAL OVL

DWG. TYPE WIRING

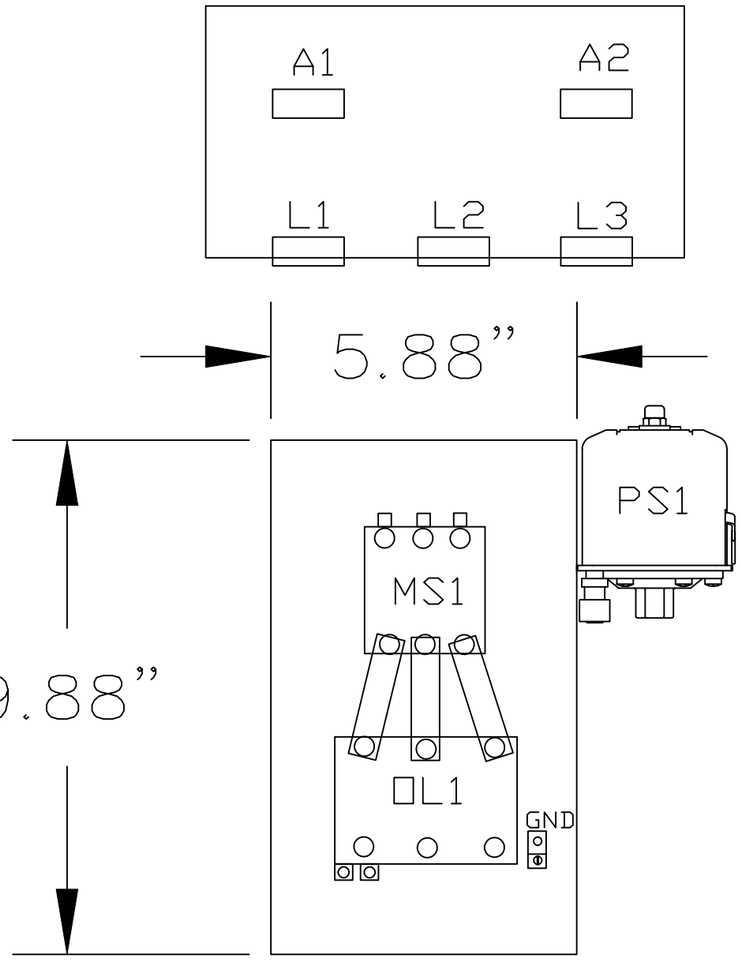
DWG. NO.
PCI-100

SHEET W-1

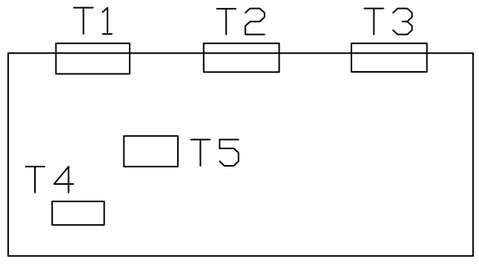
SIZE B

PCI-100 D1

REV	REVISION	DATE	ECN	NAME	CHKD
B-1	RELEASE TO PRODUCTION	08/29/22	PXEC0525	VAG	KMD
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



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
3 PHASE THERMAL OVL

DWG. TYPE LAYOUT

DWG. NO.

PCI-100

SHEET L-1

SIZE B

PCI-100 D1