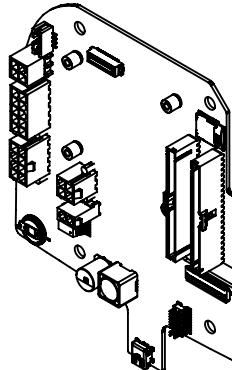


REV.	DESCRIPTION	DATE	APPROVED
04	UPDATED NOTE 5 TO REFERENCE CURRENT FCT SPEC UPDATED NOTE 9 WITH THE NEWEST REVISION OF FIRMWARE	10/07/2021	



NOTES:

- 1) PCB ASSEMBLY TO BE BUILT USING TENNANT QPL BILL OF MATERIAL: BOM1244465revJ
- 2) WORKMANSHIP STANDARD PER: IPC-J-STD-001E, IPC-A-610E, CLASS 2 SOLDERING AND ELECTRICAL CONNECTIONS : IPC-S-815B OR MORE CURRENT VERSIONS OF THESE STANDARDS
3. **3.** APPLY LABEL OR LABELS WITH THE FOLLOWING INFORMATION:
  - TENNANT PART NUMBER AND REVISION.  
(ALPHA REVISION = PROTOTYPE)
  - NOTE: THIS NUMBER AND REVISION SHOULD MATCH THIS RELEASED TENNANT DRAWING
  - MANUFACTURER'S LABEL WITH SERIAL NUMBER  
NOTE: PLACE LABEL(S) ON SIDE 1 IN THE AREA INDICATED
- 4) NO CONFORMAL COATING. THIS APPLICATION IS LVLE FOR UL
- 5) EACH ASSEMBLY TO BE ICT AND FUNCTIONALLY TESTED  
FUNCTIONAL TEST PER SPEC: FCT\_AM3\_LINUX\_UI\_rev12
- 6) ASSEMBLY TO BE MANUFACTURED PER RoHS/LEAD FREE STANDARDS
- 7) REFER TO PCB MANUFACTURING NOTES ON FABRICATION LAYER OF GERBERS
- 8) ALL DIMENSIONS ARE FOR REFERENCE ONLY
- 9) U20 TO BE SET TO SINGLE-LEVEL-CELL MODE AND PROGRAMMED WITH FIRMWARE Q30109-005\_am3-commercial\_1\_2\_0\_227.img.gz  
U28 TO BE PROGRAMMED WITH FIRMWARE Q30120-002\_am3-bootloader.img
10. **10.** APPLY NON-CORROSIVE PCB-SAFE RTV AROUND C193, L5, AND B1.  
MOMENTIVE RTV108 OR EQUIVALENT, MINIMUM BEAD DIAMETER 3MM

MATERIAL SPECIFICATIONS:  
NOTED

OTHER TREATMENTS AND FINISHES  
NOTED

PAINT - COLOR  
NONE

GLOSS   PERFORMANCE   ACCEPTANCE

CHANGED BY:  
BRETT PAULSEN

DATE:  
10/07/2021

MDR:  
STACY GAHLON

08/06/2020

DES:  
BRETT PAULSEN

06/23/2021

WELDING NOTATION IN ACCORDANCE  
WITH AWS A2.4-98

REV	ECO
04	35805

UNLESS OTHERWISE SPECIFIED  
DIMENSION TOLERANCING IN  
ACCORDANCE WITH ASME Y14.5M-2009  
ALL UNTOLERANCED DIMENSIONS ARE  
BASIC AND CONTROLLED BY:

X.X  $\pm 0.8$   $\pm .03$   
X.XX  $\pm 0.25$   $\pm .010$   
X.XXX  $\pm 0.125$   $\pm .0049$   
ANGLES  $\pm 0.5^\circ$

GENERAL NOTES  
PRIMARY DIMENSIONS ARE METRIC. REFERENCE  
DIMENSIONS WITH BRACKETS ARE INCH. UNLESS  
OTHERWISE SPECIFIED ALL DIMENSIONS ARE  
AFTER TREATMENTS AND FINISHES.

PROPRIETARY INFORMATION  
MAY NOT BE REPRODUCED OR DISCLOSED  
TO OTHERS WITHOUT WRITTEN PERMISSION  
OF TENNANT COMPANY.

DWG  
**B**  
SIZE  
PART NUMBER  
**1244465**

**TENNANT**