

10

9

8

7

6

5

4

3

2

1

| HARNESS NAME/DESCRIPTION | WIRE NUMBER | COLOUR | FROM/CONNECTION TYPE | | | TO/CONNECTION TYPE | | | LENGTH | WIRE GAUGE |
|---------------------------|-------------|--------|----------------------|-----------------|------------------|--------------------|-----------------|-------------|--------|------------|
| | | | FROM/CONNECTION TYPE | TERMINAL NUMBER | END MARKING | TO | TERMINAL NUMBER | END MARKING | | |
| THERMOSTAT SIGNALS TO UCB | 501 | BRN | UCB DDC T-STAT 1 | 211 | UCB DDC T-STAT 1 | TSTATTB-C | 50 | TSTATTB-C | 9.5 | 22 |
| | 502 | GRY | UCB DDC T-STAT 2 | 211 | UCB DDC T-STAT 2 | TSTATTB-X | 50 | TSTATTB-X | 10.0 | 22 |
| | 503 | GRN | UCB DDC T-STAT 3 | 211 | UCB DDC T-STAT 3 | TSTATTB-G | 50 | TSTATTB-G | 9.0 | 22 |
| | 504 | VIO | UCB DDC T-STAT 4 | 211 | UCB DDC T-STAT 4 | TSTATTB-W2 | 50 | TSTATTB-W2 | 8.5 | 22 |
| | 505 | BLK | UCB DDC T-STAT 5 | 211 | UCB DDC T-STAT 5 | TSTATTB-W1 | 50 | TSTATTB-W1 | 8.0 | 22 |
| | 506 | ORN | UCB DDC T-STAT 6 | 211 | UCB DDC T-STAT 6 | TSTATTB-Y2 | 50 | TSTATTB-Y2 | 7.5 | 22 |
| | 507 | BLU | UCB DDC T-STAT 7 | 211 | UCB DDC T-STAT 7 | TSTATTB-Y1 | 50 | TSTATTB-Y1 | 10.5 | 22 |
| | 508 | RED | UCB DDC T-STAT 8 | 211 | UCB DDC T-STAT 8 | TSTATTB-R | 50 | TSTATTB-R | 6.5 | 22 |
| | 509 | BLU | TSTATTB-Y2 | 50 | TSTATTB-Y2 | IDCB-Y2 | 50 | IDCB-Y2 | 12.0 | 22 |

ITEM# 220

1

211

5

211

2

211

6

211

3

211

7

211

4

211

8

211

UCB DDC TSTAT

3.0

TSTATTB-Y2

50

BLU 509

4.0

0.0

9.0

IDCB-Y2

50

BLU 509

5.5

50

BRN 501

6.0

50

GRY 502

5.0

50

GRN 503

4.5

50

VIO 504

4.0

50

BLK 505

3.5

50

ORN 506

2.5

50

BLU 507

6.5

50

RED 508

TSTAT TB

NOTES:

1. 0 = WIRE TIE TO BE ITEM 160.

2. ALL LENGTH IN INCHES

3. LENGTHS ARE CUT LENGTHS OF WIRES.

4. WIRE TO BE UL & CSA LABELLED.

5. WIRE MUST HAVE INSULATION RATING OF 600V & 105°C

6. END MARKING TO BE INKJET OR HOT STAMP OR WRAP AROUND LABELS PER WIRE LIST CHART.

7. NO FLAGS FOR WIRE MARKING.

8. STRIP TERMINAL WIRES TO MANUFACTURING SPECIFICATION.

9. LABEL ALL PLUGS WITH TEXT MARKED WITH QUOTES

10. IDENTICAL TERMINALS ON REEL CAN BE SUBSTITUTED FOR LOOSE PIECE.

11. USE IPC-620 REQUIREMENTS FOR WIRE TOLERANCES OTHERWISE SPECIFIED.

| WIRE GAUGE | STRANDS | QUALIFICATION |
|------------|-----------|---------------|
| 20 | 10 | UL 1015 |
| 18 | 16 | UL 1015 |
| 16 | 26 | UL 1015 |
| 14 | 41 | UL 1015 |
| 12 | 65 | UL 1015 |
| 10 | 105 | UL 1015 |
| 8 | 133 OR 49 | UL 1231 |
| 6 | 19 | UL 1283/1232 |

***** END OF REV. A.4 *****

| | | | | | | | |
|--|-----|--|----------|------|-----|-----|----------|
| A | I | ALL MENTION FO IDCB WAS TB2; ALL MENTION OF TSTATTB WAS TB-1; F8: HARNESS DESCRIPTION WAS UPDATED TO THERMOSTAT SIGNALS TO UCB | 10/09/22 | PT-H | - | - | 1157670 |
| REV | SHT | REVISION RECORD | DATE | BY | CHK | APP | AUTH NO. |
| DRAWING NUMBER: 40RU000440 --- RELEASE LEVEL: Under Review | | | | | | | |

| ITEM NUMBERS | | |
|-----------------|------------------|------------------------------|
| TERMINAL NUMBER | MFG. P/N | DESCRIPTION |
| 50 | AMP 520963-2 | ULTRAPOD FEMALE 0.25 QC |
| 160 | PANDUIT PLT-1.5I | STANDARD WIRE TIE |
| 211 | AMP 770988-1 | AMP MINI-MATE N LOK SOCKET |
| 220 | AMP 770579-1 | 8 POS MINI MATE N' LOCK PLUG |

ITC CLASSIFICATION

U.S. ECCN: EAR99

MATERIAL

-
-
-

ENGINEERING REQUIREMENTS

T-005, Y-002

MFG LOCATION

-

WEIGHT

-

THIRD ANGLE PROJECTION

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON:
1 DEC 2 DEC 3 DEC ANG°
±0.5 ±0.25 ±- ±-°

Carrier

TITLE

HARNESS ASSY

UCB DDC STAT

DRAWING RELEASE LEVEL

Under Review

SIZE

D

DRAWING NUMBER

40RU000440

REV

A

ITR

4

SHEET 1 OF 1

THIS DOCUMENT AND THE INFORMATION CONTAINED THEREIN IS PROPRIETARY TO CARRIER CORPORATION AND SHALL NOT BE USED OR DISCLOSED TO OTHERS, IN WHOLE OR IN PART, WITHOUT THE WRITTEN AUTHORIZATION OF CARRIER CORPORATION.

UNCONTROLLED WHEN PRINTED