

LOC	DIST	REVISIONS					
HM	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			C	REV PER ECO-12-020239	04DEC2012	JM	MS

1. DIMENSIONS ARE NOMINAL UNLESS OTHERWISE SPECIFIED.

2 MATERIAL:
CONNECTOR HOUSINGS - POLYCARBONATE, UL 94V-0 RATED.
CONNECTOR CONTACTS - COPPER ALLOY WITH SILVER PLATED STRIP .00381 [.000150] MIN THICK.
TERMINAL BLOCKS - POLYESTER, UL 94V-0 RATED.
TERMINAL BLOCK TUBULAR CONTACTS - COPPER ALLOY, NICKEL PLATED.
TERMINAL BLOCK TUBULAR SCREW - CARBON STEEL, ZINC PLATED.
GROUND LUG - ALUMINUM ALLOY, TIN PLATED.
BOX, COVER, STRAIN RELIEFS - CARBON STEEL, ZINC COATED.
FASTENERS - CARBON STEEL, ZINC PLATED.

3 BOX SHIPPED PREWIRED WITH COVER AND STRAIN RELIEFS INSTALLED.

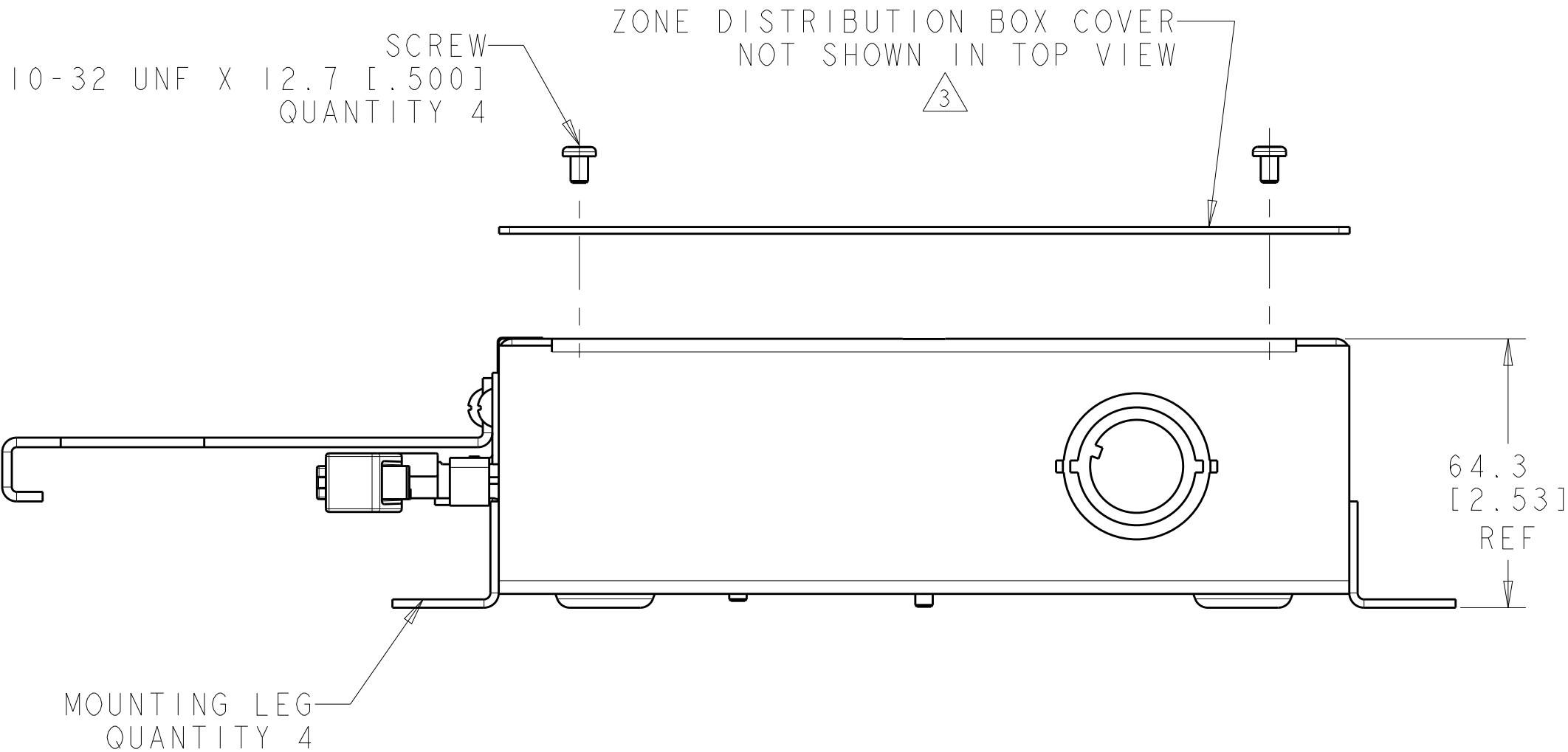
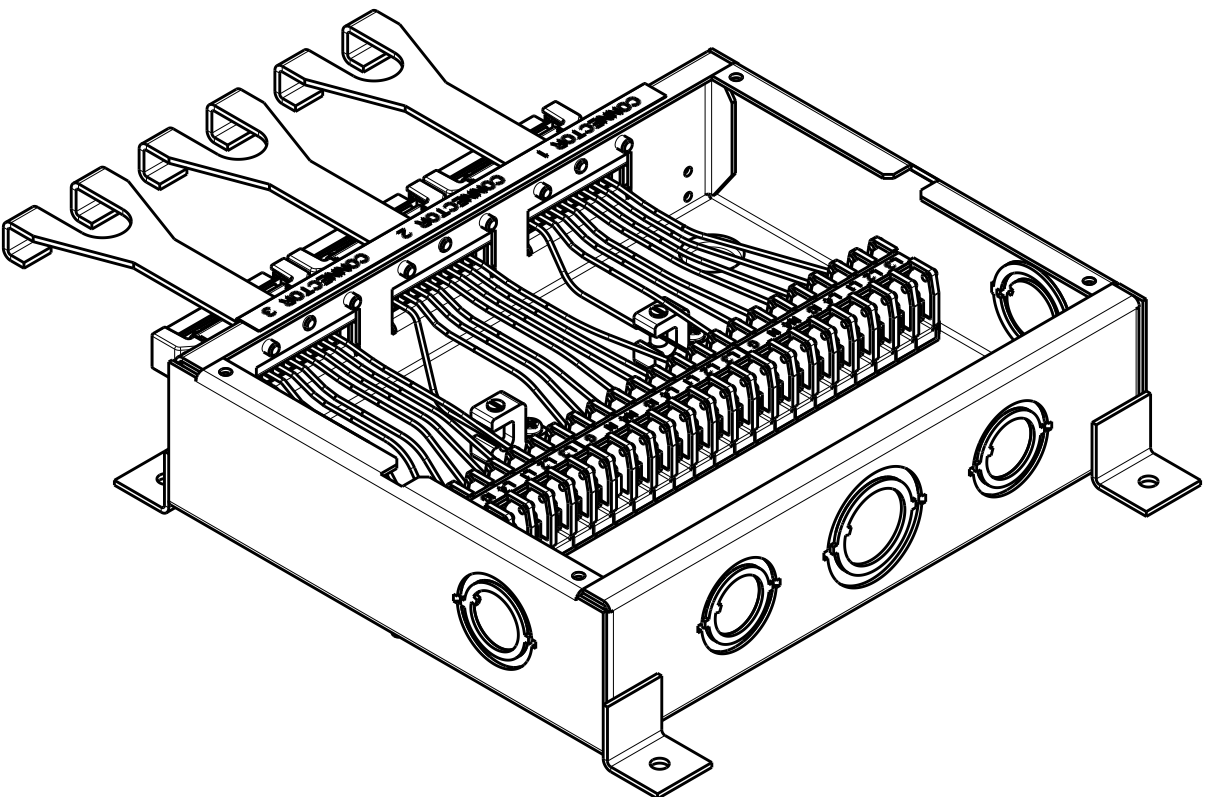
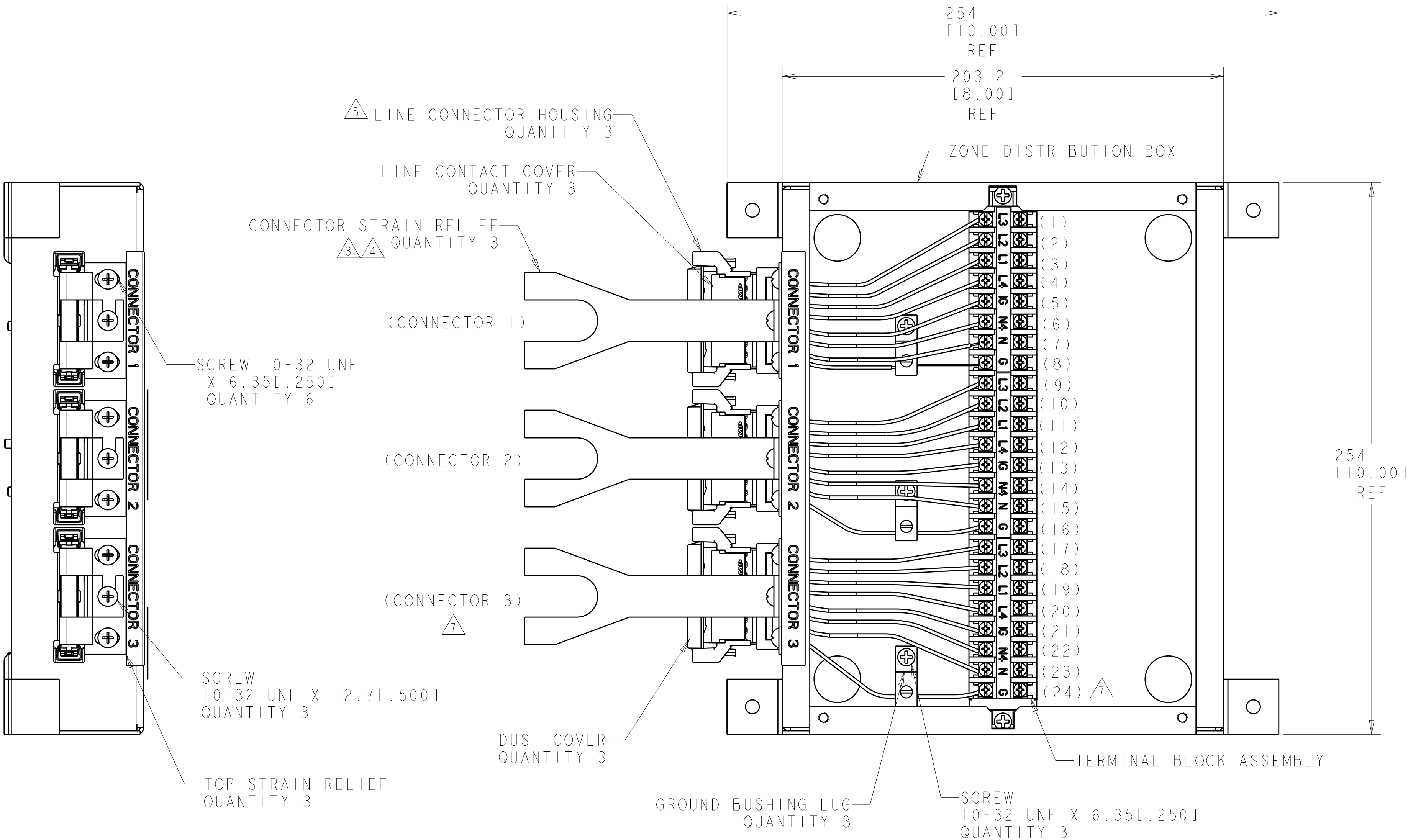
4 CONNECTOR STRAIN RELIEFS SHOWN ASSEMBLED FOR SHIPPING. REMOVE EACH STRAIN RELIEF PRIOR TO CONNECTING POWER CABLE ASSEMBLY TO BOX. RECONNECT STRAIN RELIEF FOR PROPER CABLE CONNECTOR PROTECTION.

5 CONNECTORS ARE KEYED AND COLOR CODED TO MAINTAIN POLARITY WITH PROPER SYSTEM COMPONENTS.
DO NOT ATTEMPT TO OVERCOME THE KEYING FEATURE BY FORCE.
- BLACK CONNECTORS IDENTIFY 8-WIRE SHARED NEUTRAL SYSTEMS (4-2-2).
- NEMA GRAY CONNECTORS IDENTIFY 8-WIRE DEDICATED NEUTRAL SYSTEMS (3-3-2).

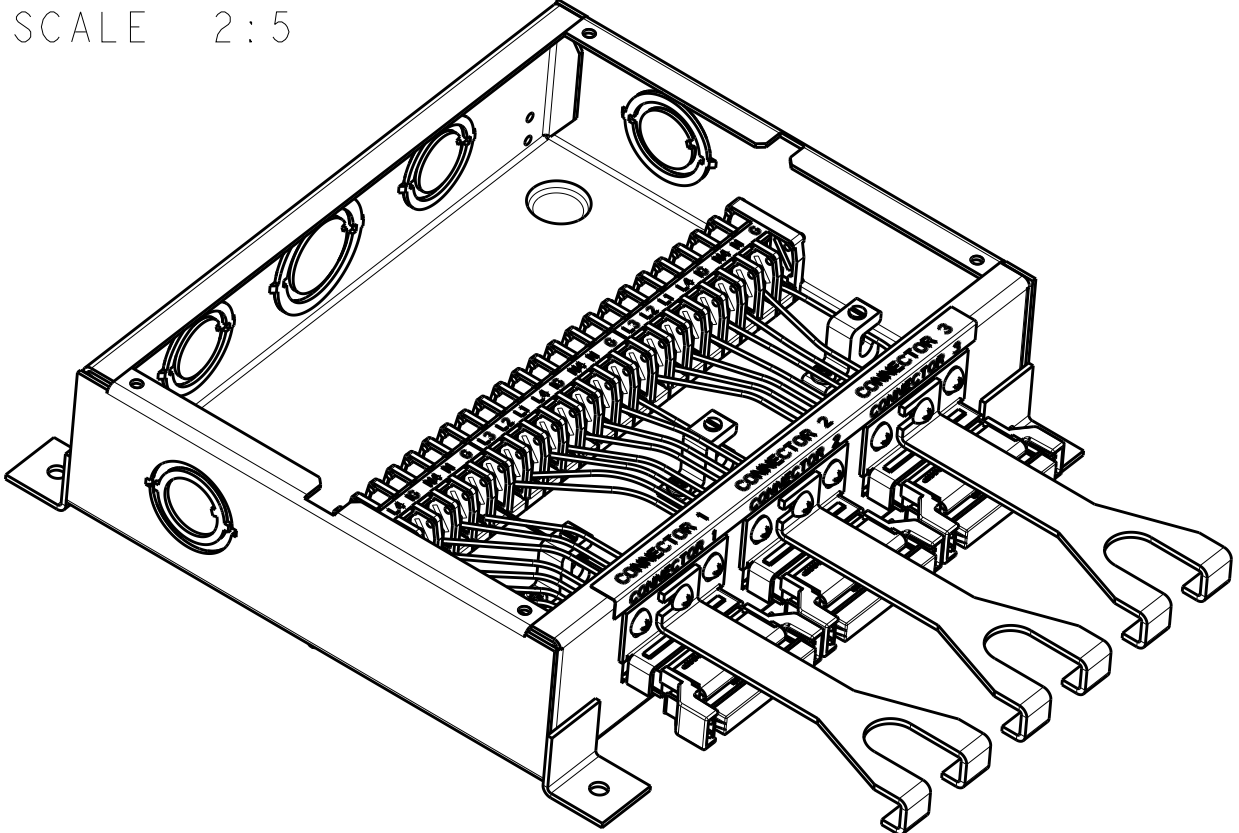
6 WIRING TABLE IDENTIFIES CONNECTOR / WIRE COLOR / WIRE DESIGNATION / TERMINAL RELATIONSHIP.

7 DESIGNATIONS IN PARENTHESIS ARE FOR REFERENCE ONLY.

8.APPLICATION: AMPINNERGY (TM) MODULAR POWER DISTRIBUTION SYSTEM, A MANUFACTURED WIRING SYSTEM.



SCALE 2:5



1	BLUE	LINE 3	BLUE	LINE 3	1
	RED	LINE 2	RED	LINE 2	2
	BLACK	LINE 1	BLACK	LINE 1	3
	GREEN/YELLOW	ISOLATED GROUND	PINK	LINE 4	4
	WHITE/BLUE	NEUTRAL 3	GREEN/YELLOW	ISOLATED GROUND	5
	WHITE/RED	NEUTRAL 2	GRAY	NEUTRAL 4	6
	WHITE	NEUTRAL 1	WHITE	NEUTRAL	7
	GREEN	GROUND	GREEN	GROUND	8
2	BLUE	LINE 3	BLUE	LINE 3	9
	RED	LINE 2	RED	LINE 2	10
	BLACK	LINE 1	BLACK	LINE 1	11
	GREEN/YELLOW	ISOLATED GROUND	PINK	LINE 4	12
	WHITE/BLUE	NEUTRAL 3	GREEN/YELLOW	ISOLATED GROUND	13
	WHITE/RED	NEUTRAL 2	GRAY	NEUTRAL 4	14
	WHITE	NEUTRAL 1	WHITE	NEUTRAL	15
	GREEN	GROUND	GREEN	GROUND	16
3	BLUE	LINE 3	BLUE	LINE 3	17
	RED	LINE 2	RED	LINE 2	18
	BLACK	LINE 1	BLACK	LINE 1	19
	GREEN/YELLOW	ISOLATED GROUND	PINK	LINE 4	20
	WHITE/BLUE	NEUTRAL 3	GREEN/YELLOW	ISOLATED GROUND	21
	WHITE/RED	NEUTRAL 2	GRAY	NEUTRAL 4	22
	WHITE	NEUTRAL 1	WHITE	NEUTRAL	23
	GREEN	GROUND	GREEN	GROUND	24
CONNECTOR NO.	WIRE COLOR	DESIGNATION	WIRE COLOR	DESIGNATION	TERMINAL NO.
	1933419-3 3-2-2 CONFIGURATION		1933419-8 4-2-2 CONFIGURATION		

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN J. BURWELL CHK S. JONES APVD	17FEB2009 17FEB2009
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:	
0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ± FINISH		PRODUCT SPEC APPLICATION SPEC	
MATERIAL		WEIGHT	SIZE CAGE CODE DRAWING NO
CUSTOMER DRAWING		SCALE 3:4	SHEET 1 OF 1 REV C

TE Connectivity

ZONE POWER DISTRIBUTION KIT, AMPINNERGY

A100779C=1933419

Mouser Electronics

Authorized Distributor

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[1933419-8](#)