

COMPACT PRODUCT GUIDE

REVISION CHANGE HISTORY

CHANGE CONTENTS	DATE	REVISION
INITIAL RELEASE	1/16/2013	1
1. REMOVE SECTION 1.0 AND SECTION 5.0; CHANGE SECTION 2.0 TO 1.0, SECTION 2.1 TO 1.1, SECTION 2.2 TO 1.2, SECTION 3.0 TO 2.0, SECTION 4.0 TO 3.0, SECTION 6.0 TO 4.0, SECTION 6.1 TO 4.1, SECTION 7.0 TO 5.0 2. DELETE "NOTE: THE V-HE RECTIFIERS (V1000A1-HE, V1500A1-HE, V2000A1-HE) ARE NOT COMPATIBLE WITH THE BC1000 CONTROLLER" IN RECTIFIER SECTION 3; 3. CHANGE MAX. TONGUE WIDTH OF BREAKER HOT CONNECTION TO 0.67" IN THE DESCRIPTIONS OF CIRCUIT 50, 56, 57 IN TABLE 1D 4. ADD TABLE 4H 5. UPDATE TABLE 4A, 4B, 4C, 4D 6. CHANGE BREAKER POSITIONS 1, 2, 3, 4 TO A, B, C, D IN CIRCUIT 50, 56 AND 57 IN SECTION 1.2-CONTINUED 7. CHANGE AC KNOCKOUTS QTY IN "A" SHELF IN TABLE 1C 8. ADD "BTU AT NOMINAL INPUT" AND "ENERGY STAR" COLUMN IN TABLE 3	1/8/2014	2
1. CHANGE CQ50D, CQ57D TO CQ50I, CQ57I; REMOVE CQ56D, CI56D, CK7S-ANN-VC, CP5S-ANN-VV; ADD CI56I-BPL-VC, CI56I-BPN-VCS, CI50I-ANL-VC, CI50I-ANN-VCS, CI57I-ANL-VC, CI57I-ANN-VCS, CP5S-ANN-VV, CC9S-ANN-VCS, CI58I-ANL-VC, CK3S-ANS-VV; ADD COLUMN "QTY PER PALLET" IN TABLE 1A AND 1B 2. UPDATE "AC KNOCKOUT" OF "G" SHELF, "AC INPUT TERMINAL BLOCK" OF "I" AND "Q" SHELVES IN TABLE 1C 3. REMOVE CIRCUIT "7", ADD CIRCUIT "58" IN TABLE 1D 4. ADD P/Ns "TH000000005", "TH000000006" AND "THN110KJ002" IN TABLE 2C 5. ADD COLUMN "QTY PER PALLET" IN TABLE 2A, TABLE 3, TABLE 4E AND 4F 6. ADD P/Ns "BR1923", "BAF23", "BAF19", "BRFM", "BR0325K" AND "WMB-T" IN TABLE 4H 7. ADD TABLE 4J, 4K, 4L AND 4M 8. ADD DOC # 370038.033, 2052027 IN TABLE 5; REMOVE 2099195, 2099196 FROM TABLE 5 9. ADD NOTE 3 IN SECTION 1.2 10. ADD P/N LA1010-L1430P IN TABLE 4D 11. ADD P/N 282625 IN TABLE 4F 12. CHANGE P/NS 1125230625/1125230010/1125230013/1125230050/1125230115 TO 0890051703/0890051902/0890050103/0890051602/0890050903 RESPECTIVELY IN TABLE 4G 13. ADD DOC # 370089.103 IN TABLE 5		3

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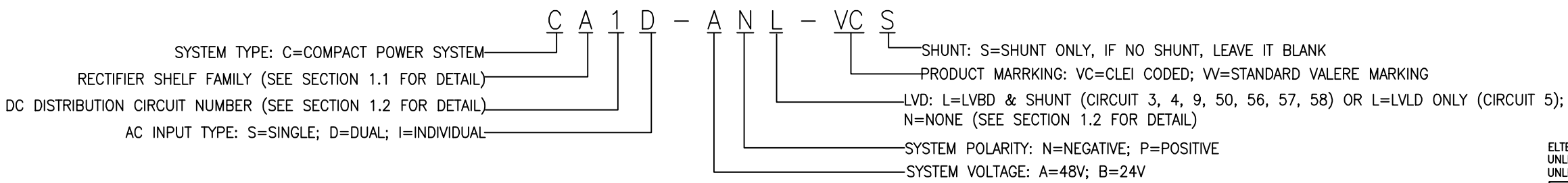
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COMPACT PRODUCT GUIDE



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POWER CORE PART NUMBER NAMING CONVENTION:



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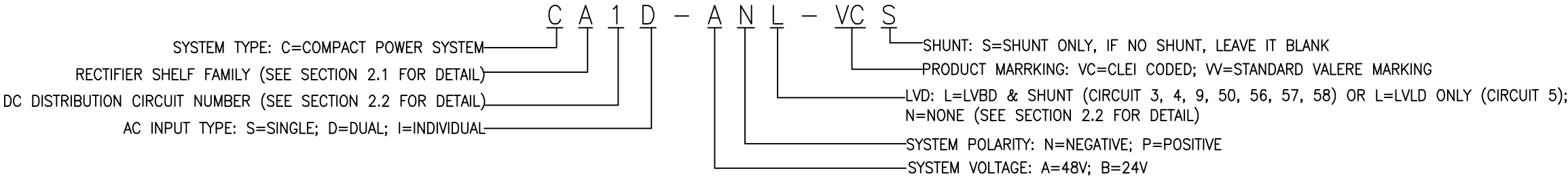
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SECTION 1.0 COMPACT POWER CORE MUST SELECT ONE

TABLE 1A 23” POWER CORE PART NUMBER LIST

PART NUMBER	SYSTEM VOLTAGE	MAXIMUM DC OUTPUT RATING (A) @ 65°C	WIRE FEED DIRECTION	RECTIFIER SLOTS	AC INPUT	LOAD BREAKERS	LOAD BULK LANDINGS	LOAD GMT FUSES	LVBD & SHUNT, OR LVLD	POSITIONS ON LVD / SHUNT	WIDTH (IN)	DEPTH (IN)	HEIGHT (RU)	EST. WEIGHT (LBS)	CLEI	QTY PER PALLET	NOTE
CA1S-AUN-VC	±48 / ±24	240	REAR	5	SINGLE	0	2	0	N/A	N/A	23"	15"	2	15	YES	20	
CA1D-AUN-VC	±48 / ±24	240	REAR	5	DUAL	0	2	0	N/A	N/A	23"	15"	2	15	YES	20	
CA1I-AUN-VC	±48 / ±24	240	REAR	5	INDIVIDUAL	0	2	0	N/A	N/A	23"	15"	2	15	YES	20	
CC9S-ANL-VC	-48	160	REAR	4	SINGLE/DUAL	2	0	20	LVBD & SHUNT	2 BREAKERS	23"	15"	2	15	YES	20	
CC9S-ANN-VC	-48	160	REAR	4	SINGLE/DUAL	4	0	20	N/A	N/A	23"	15"	2	15	YES	20	
CC9S-ANN-VCS	-48	160	REAR	4	SINGLE/DUAL	2	0	20	SHUNT	2 BREAKERS	23"	15"	2	15	YES	20	
CC9I-ANN-VC	-48	160	REAR	4	INDIVIDUAL	4	0	20	N/A	N/A	23"	15"	2	15	YES	20	
CC9S-BPL-VV	+24	160	REAR	4	SINGLE/DUAL	2	0	20	LVBD & SHUNT	2 BREAKERS	23"	15"	2	15	NO	20	
CQ50I-ANL-VC	-48	160	FRONT	4	INDIVIDUAL	4	0	10	LVBD & SHUNT	2 BULK POSITIONS	23"	12"	2	15	YES	20	
CQ50I-ANN-VCS	-48	160	FRONT	4	INDIVIDUAL	4	0	10	SHUNT	2 BULK POSITIONS	23"	12"	2	15	YES	20	
CQ56I-ANL-VC	-48	160	FRONT	4	INDIVIDUAL	2	2	10	LVBD & SHUNT	2 BREAKERS	23"	12"	2	15	YES	20	
CQ56I-ANN-VCS	-48	160	FRONT	4	INDIVIDUAL	2	2	10	SHUNT	2 BREAKERS	23"	12"	2	15	YES	20	
CQ56I-ANN-VC	-48	200	FRONT	4	INDIVIDUAL	4	2	10	N/A	N/A	23"	12"	2	15	YES	20	
CQ57I-ANL-VC	-48	160	FRONT	4	INDIVIDUAL	0	2	10	LVBD & SHUNT	4 BREAKERS	23"	12"	2	15	YES	20	
CQ57I-ANN-VCS	-48	160	FRONT	4	INDIVIDUAL	0	2	10	SHUNT	4 BREAKERS	23"	12"	2	15	YES	20	

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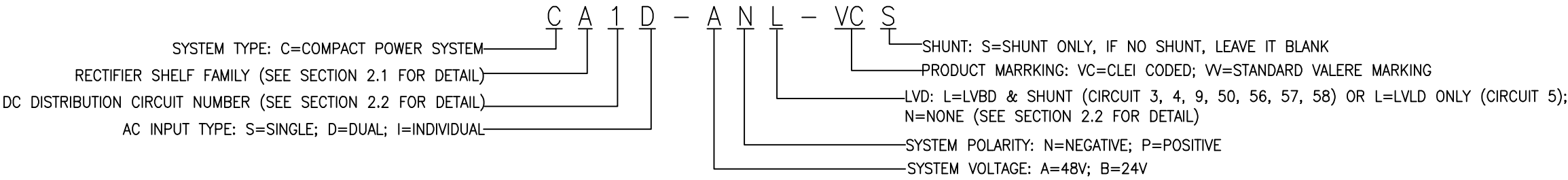


SECTION 1.0—CONTINUED COMPACT POWER CORE MUST SELECT ONE

TABLE 1B 19" POWER CORE PART NUMBER LIST

PART NUMBER	SYSTEM VOLTAGE	MAXIMUM DC OUTPUT RATING (A) @ 65°C	WIRE FEED DIRECTION	RECTIFIER SLOTS	AC INPUT	LOAD BREAKERS	LOAD BULK LANDINGS	LOAD GMT FUSES	LVBD & SHUNT, OR LVLD	POSITIONS ON LVD / SHUNT	WIDTH (IN)	DEPTH (IN)	HEIGHT (RU)	EST. WEIGHT (LBS)	CLEI	QTY PER PALLET	NOTE
CG1I-AUN-WV	±48 / ±24	160	REAR	4	INDIVIDUAL	0	2	0	N/A	N/A	19"	15"	2	15	NO	20	
CG1S-AUN-VC	±48 / ±24	160	REAR	4	SINGLE/DUAL	0	2	0	N/A	N/A	19"	15"	2	15	YES	20	
CI50I-ANL-VC	-48	120	FRONT	3	INDIVIDUAL	4	0	10	LVBD & SHUNT	2 BULK POSITIONS	19"/23"	12"	2	15	YES	20	
CI50I-ANN-VCS	-48	120	FRONT	3	INDIVIDUAL	4	0	10	SHUNT	2 BULK POSITIONS	19"/23"	12"	2	15	YES	20	
CI56S-ANL-VC	-48	120	FRONT	3	SINGLE	2	2	10	LVBD & SHUNT	2 BREAKERS	19"	12"	2	15	YES	20	
CI56S-ANN-VCS	-48	120	FRONT	3	SINGLE	2	2	10	SHUNT	2 BREAKERS	19"	12"	2	15	YES	20	
CI56S-ANN-VC	-48	150	FRONT	3	SINGLE	4	2	10	N/A	N/A	19"	12"	2	15	YES	20	
CI56I-BPL-VC	+24	120	FRONT	3	INDIVIDUAL	2	2	10	LVBD & SHUNT	2 BREAKERS	19"	12"	2	15	YES	20	
CI56I-BPN-VCS	+24	120	FRONT	3	INDIVIDUAL	2	2	10	SHUNT	2 BREAKERS	19"	12"	2	15	YES	20	
CI56I-ANL-VC	-48	120	FRONT	3	INDIVIDUAL	2	2	10	LVBD & SHUNT	2 BREAKERS	19"	12"	2	15	YES	20	
CI56I-ANN-VCS	-48	120	FRONT	3	INDIVIDUAL	2	2	10	SHUNT	2 BREAKERS	19"	12"	2	15	YES	20	
CI56I-ANN-VC	-48	150	FRONT	3	INDIVIDUAL	4	2	10	N/A	N/A	19"	12"	2	15	YES	20	
CI57I-ANL-VC	-48	120	FRONT	3	INDIVIDUAL	0	2	10	LVBD & SHUNT	4 BREAKERS	19"	12"	2	15	YES	20	
CI57I-ANN-VCS	-48	120	FRONT	3	INDIVIDUAL	0	2	10	SHUNT	4 BREAKERS	19"	12"	2	15	YES	20	
CI58I-ANL-VC	-48	120	FRONT	3	INDIVIDUAL	0	2	10	LVBD & SHUNT	2 BREAKERS	19"	12"	2	15	YES	20	
CK3S-ANL-VC	-48	120	REAR	3	SINGLE/DUAL	2	0	10	LVBD & SHUNT	2 BREAKERS	19"	15"	2	15	YES	20	
CK3S-ANS-W	-48	120	REAR	3	SINGLE/DUAL	2	0	10	SHUNT	2 BREAKERS	19"	15"	2	15	NO	20	
CK3S-ANN-VC	-48	120	REAR	3	SINGLE/DUAL	4	0	10	N/A	N/A	19"	15"	2	15	YES	20	
CK3I-ANL-VC	-48	120	REAR	3	INDIVIDUAL	2	0	10	LVBD & SHUNT	2 BREAKERS	19"	15"	2	15	YES	20	
CK3I-ANN-WV	-48	120	REAR	3	INDIVIDUAL	4	0	10	N/A	N/A	19"	15"	2	15	NO	20	
CK4S-ANL-VC	-48	120	REAR	3	SINGLE/DUAL	2	2	0	LVBD & SHUNT	2 BREAKERS	19"	15"	2	15	YES	20	
CK4S-ANN-VC	-48	120	REAR	3	SINGLE/DUAL	4	2	0	N/A	N/A	19"	15"	2	15	YES	20	
CK4I-ANL-VC	-48	120	REAR	3	INDIVIDUAL	2	2	0	LVBD & SHUNT	2 BREAKERS	19"	15"	2	15	YES	20	
CK5S-ANL-W	-48	120	REAR	3	SINGLE/DUAL	2	0	10	LVLD	10 GMTs	19"	15"	2	15	NO	20	
CK5S-ANN-VC	-48	120	REAR	3	SINGLE/DUAL	2	0	20	N/A	N/A	19"	15"	2	15	YES	20	
CP4S-ANN-WV	-48	120	REAR	3	SINGLE/DUAL	4	2	0	N/A	N/A	19"	15"	2	15	NO	20	
CP4I-ANL-W	-48	120	REAR	3	INDIVIDUAL	2	2	0	LVBD & SHUNT	2 BREAKERS	19"	15"	2	15	NO	20	
CP4I-BPL-W	+24	120	REAR	3	INDIVIDUAL	2	2	0	LVBD & SHUNT	2 BREAKERS	19"	15"	2	15	NO	20	
CP5S-ANL-W	-48	120	REAR	3	SINGLE/DUAL	2	0	10	LVLD	10 GMTs	19"	15"	2	15	NO	20	

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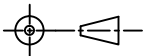


SECTION 1.1 RECTIFIER SHELF FOR REFERENCE

TABLE 1C RECTIFIER SHELF

RECTIFIER SHELF FAMILY	DESCRIPTION	NOMINAL OUTPUT VOLTAGE (VDC)	MAX. CURRENT	RECTIFIER POSITIONS	DISTRIBUTION MODULE POSITION	AC INPUT TERMINAL BLOCK						MOUNTING STYLE	WIDTH (IN)	DEPTH (IN)	VERT. SPACE (RU)	NOTE
						AC ACCESS	AC INPUT FEED	AC TERMINAL STYLE	AC WIRE TYPE	AC KNOCKOUT	GROUND STUD					
G	COMPACT 19" MID-MOUNT POWER SHELF, - QTY 4 RECTIFIER POSITIONS, NO DISTRIBUTION POSITION, - SINGLE/DUAL/INDIVIDUAL REAR AC INPUT	±48 / ±24	SEE TABLE 2B	4	0	REAR	SINGLE / DUAL / INDIVIDUAL	#8-32 SCREW	LL (SEE TABLE 4A)	QTY 2 FOR ¾" CONDUIT OR QTY 1 FOR 1" CONDUIT	INDIVIDUAL - QTY 2 DUAL/SINGLE - QTY 1 ¼" STUD	MID MOUNT	19	15	2	
K	COMPACT 19" MID-MOUNT POWER SHELF, - QTY 3 RECTIFIER POSITIONS, 1 DISTRIBUTION POSITION, - SINGLE/DUAL/INDIVIDUAL REAR AC INPUT	-48 / -24	SEE TABLE 2B	3	1	REAR	SINGLE / DUAL / INDIVIDUAL	#8-32 SCREW	LL (SEE TABLE 4A)	QTY 2 FOR ¾" CONDUIT	INDIVIDUAL - QTY 2 DUAL/SINGLE - QTY 1 ¼" STUD	MID MOUNT	19	15	2	
I	COMPACT 19" MID-MOUNT POWER SHELF, - QTY 3 RECTIFIER POSITIONS, 1 DISTRIBUTION POSITION, - SINGLE/DUAL/INDIVIDUAL FRONT AC INPUT	±48 / ±24	SEE TABLE 2B	3	1	FRONT	SINGLE / INDIVIDUAL	SINGLE - MOLEX DUAL - LC AMP INDIVIDUAL - AMP	SINGLE - LM DUAL - LC INDIVIDUAL - LA (SEE TABLE 4B, 4L & 4D)	N/A	N/A	MID MOUNT	19	12	2	
P	COMPACT 19" FLUSH-MOUNT POWER SHELF, - QTY 3 RECTIFIER POSITIONS, 1 DISTRIBUTION POSITION, - SINGLE/DUAL/INDIVIDUAL REAR AC INPUT	±48 / ±24	SEE TABLE 2B	3	1	REAR	SINGLE / DUAL / INDIVIDUAL	#8-32 SCREW	LL (SEE TABLE 4A)	QTY 2 FOR ¾" CONDUIT	INDIVIDUAL - QTY 2 DUAL/SINGLE - QTY 1 ¼" STUD	FLUSH MOUNT	19	15	2	
A	COMPACT 23" MID-MOUNT POWER SHELF, - QTY 5 RECTIFIER POSITIONS, NO DISTRIBUTION POSITION, - SINGLE/DUAL/INDIVIDUAL REAR AC INPUT	±48 / ±24	SEE TABLE 2A	5	0	REAR	SINGLE / DUAL / INDIVIDUAL	SINGLE - ¼" STUDS ON ⅝" CENTER DUAL/INDIVIDUAL - #8-32 SCREW	SINGLE - LD DUAL - LL INDIVIDUAL - LL (SEE TABLE 4A & 4C)	QTY 2 FOR ¾" CONDUIT ON THE SIDE QTY 1 FOR 1" CONDUIT ON THE SIDE QTY 3 FOR ¾" CONDUIT ON THE REAR	INDIVIDUAL - QTY 2 DUAL/SINGLE - QTY 1 ¼" STUDS ON ⅝" CTR	MID MOUNT	23	15	2	
C	COMPACT 23" MID-MOUNT POWER SHELF, - QTY 4 RECTIFIER POSITIONS, 1 DISTRIBUTION POSITION, - SINGLE/DUAL/INDIVIDUAL REAR AC INPUT	±48 / ±24	SEE TABLE 2A	4	1	REAR	SINGLE / DUAL / INDIVIDUAL	#8-32 SCREW	LL (SEE TABLE 4A)	QTY 2 FOR ¾" CONDUIT	QTY 1 ¼"-20 STUD	MID MOUNT	23	15	2	
Q	COMPACT 23" MID-MOUNT POWER SHELF, - QTY 4 RECTIFIER POSITIONS, 1 DISTRIBUTION POSITION, - INDIVIDUAL/DUAL FRONT AC INPUT	-48 / -24	SEE TABLE 2A	4	1	FRONT	INDIVIDUAL	DUAL - LC AMP INDIVIDUAL - AMP	DUAL - LC INDIVIDUAL - LA (SEE TABLE 4L & 4D)	N/A	N/A	MID MOUNT	23	12	2	

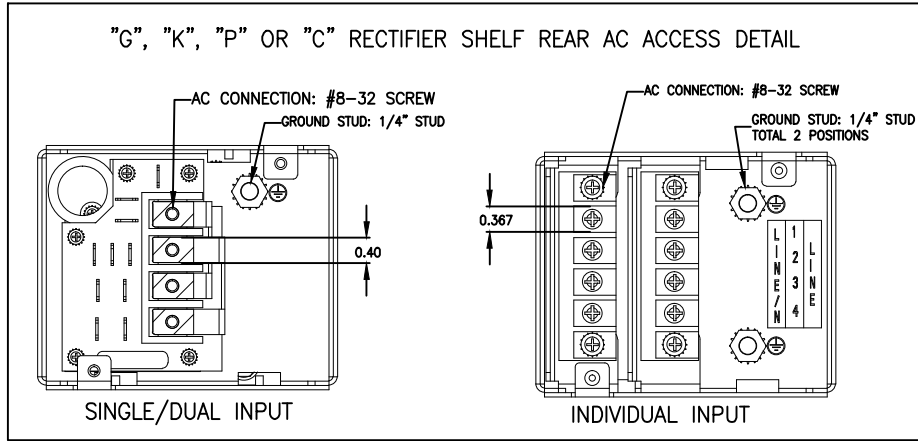
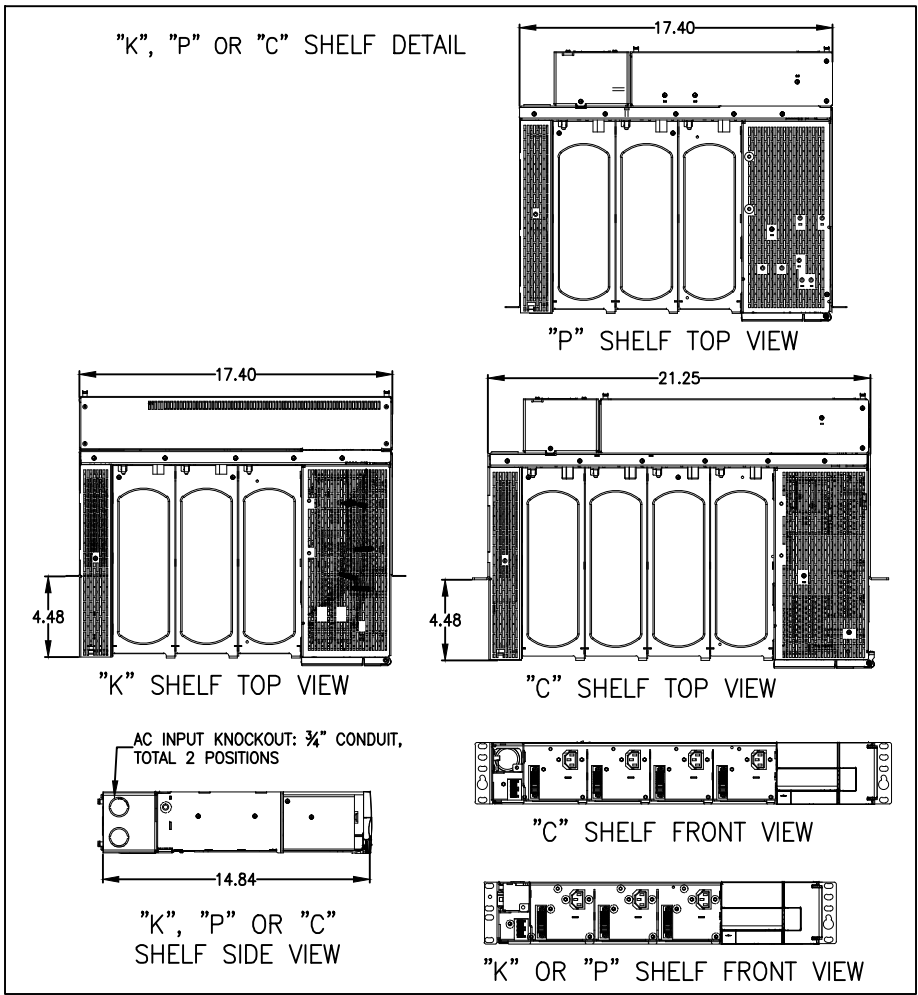
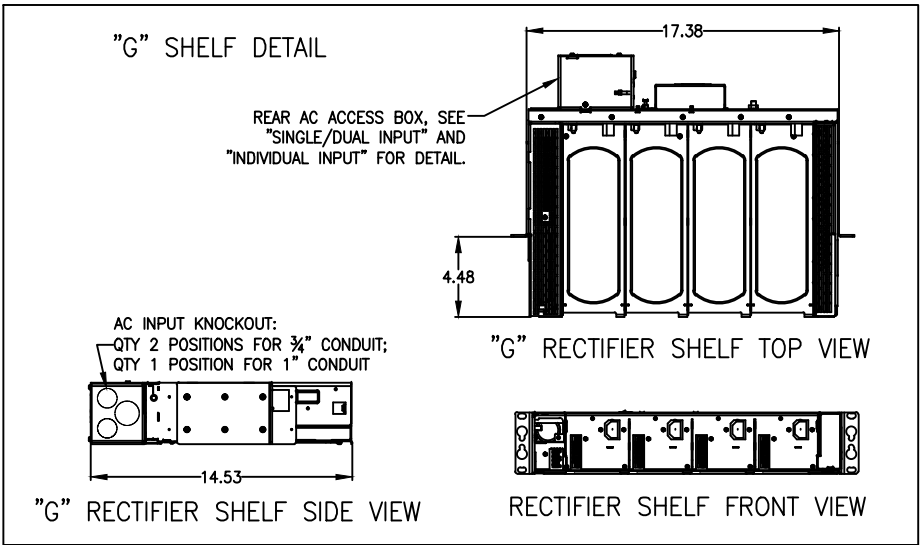
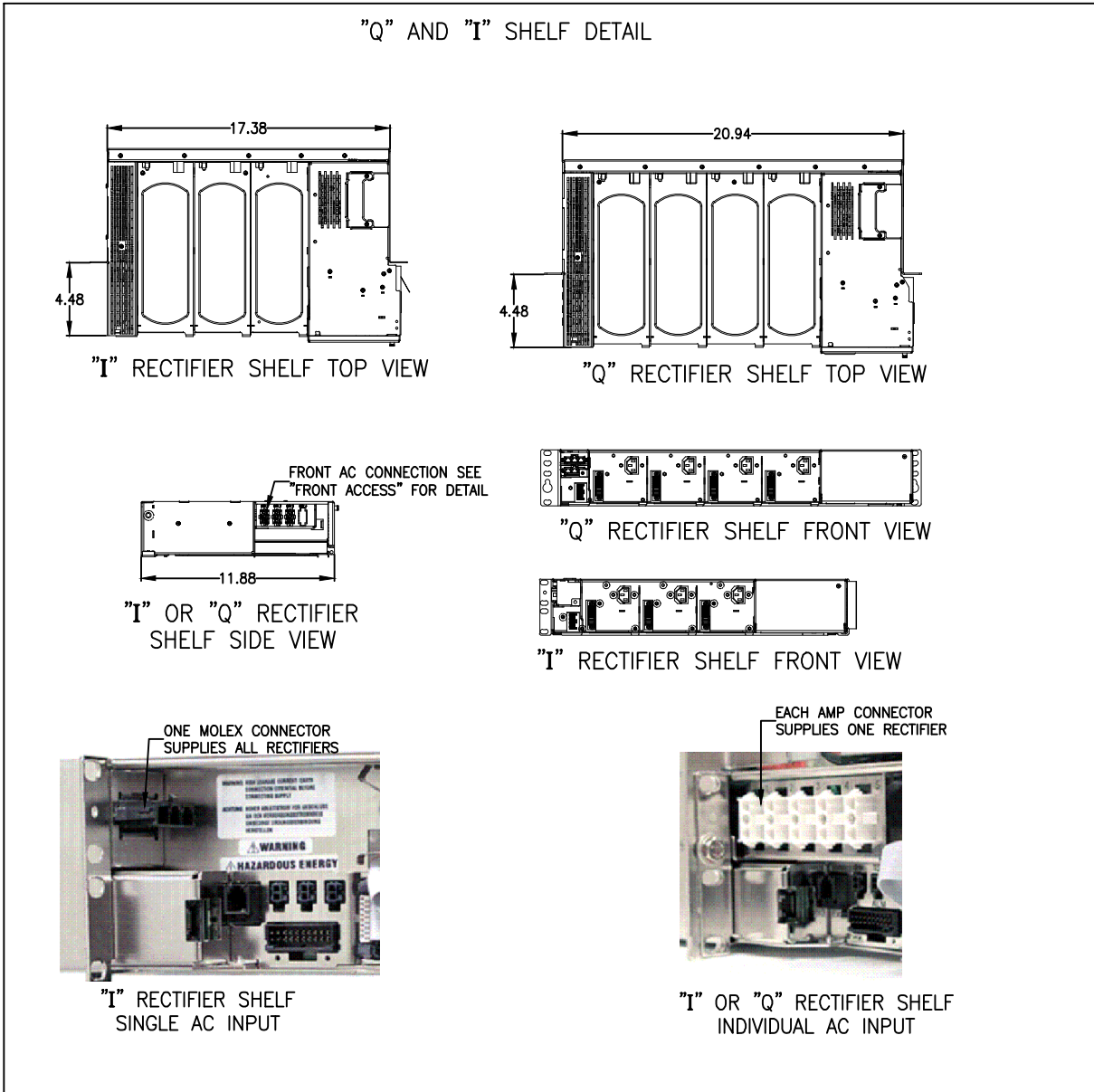
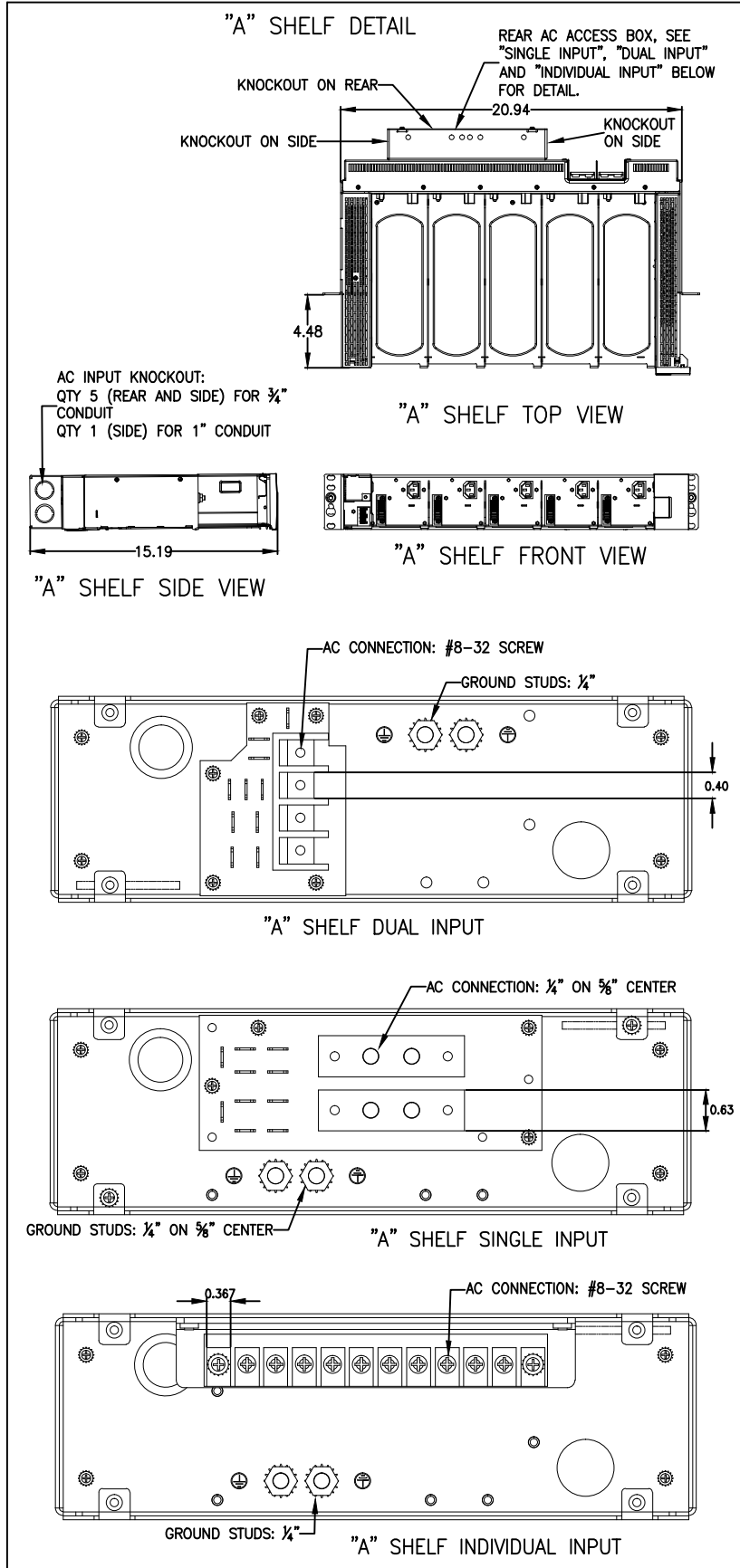
NOTE: THE SELECTION OF AC WIRE AWG IS BASED ON THE RECTIFIER SELECTION, SEE SECTION 3 FOR RECTIFIER SPECIFICATION



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SECTION 1.1—CONTINUED RECTIFIER SHELF



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SECTION 1.2 DC DISTRIBUTION FOR REFERENCE

TABLE 1D DC DISTRIBUTION LIST												
CIRCUIT NUMBER	DESCRIPTION	SYSTEM VOLTAGE (VDC)	TOTAL BREAKER POSITIONS AND LANDINGS	TOTAL GMT FUSE POSITIONS AND CONNECTIONS	TOTAL BULK OUTPUT AND LANDING	DISTRIBUTION ON OPTIONAL LVBD/SHUNT OR LVLD			EXTRA GROUND	OCCUPIED DIST. MODULE POSITON	COMPATIBLE RECTIFIER SHELF	NOTE
						BREAKER POSITIONS	BULK OUTPUTS	GMT FUSE				
1	BULK OUTPUT ONLY, TWO LANDINGS FOR TWO-HOLE LUGS, ¼”-20 ON ⅝” CENTER, MAX TONGUE WIDTH 0.67”	±48 / ±24	0	0	QTY 2 ¼” ON ⅝” CTR	N/A	N/A	N/A	N/A	0	A, G	
3	CIRCUIT 3 DISTRIBUTION -OCCUPIES 1 DISTRIBUTION MODULE POSITON -QTY 10 GMT FUSE POSITIONS, #6-32 SCREW, MAXL TOUGUE WIDTH 0.32”, MAX. 14AWG CABLE -QTY 4 BREAKER POSITIONS, ¼” ON ⅝” CENTER, MAX. TONGUE WIDTH 0.67”, QTY 2 BREAKER POSITIONS CAN BE BATTERY BREAKER POSITIONS IF SHUNT/LVBD IS CONFIGURED -OPTIONAL SHUNT AND LVBD CONTACTOR POSITION	-48 / -24	QTY 4 ¼” ON ⅝” CTR	QTY 10 #6-32 SCREW, MAX. TONGUE WIDTH: 0.32” MAX. 14AWG	N/A	QTY 2 ON LVBD & SHUNT	N/A	N/A	QTY 1 ¼” ON ⅝” CTR	1	K	
4	CIRCUIT 4 DISTRIBUTION -OCCUPIES 1 DISTRIBUTION MODULE POSITON -QTY 2 BULK OUTPUTS, ¼”-20 STUDS ON ⅝” CENTER, MAX. TONGUE WIDTH 0.82” -QTY 4 BREAKER POSITIONS, ¼” ON ⅝” CENTER, MAX. TONGUE WIDTH 0.67”. QTY 2 BREAKER POSITIONS CAN BE BATTERY BREAKER POSITIONS IF SHUNT/LVBD IS CONFIGURED -OPTIONAL SHUNT AND LVBD CONTACTOR POSITION	±48 / ±24	QTY 4 ¼” ON ⅝” CTR	N/A	QTY 2 ¼” ON ⅝” CTR	QTY 2 ON LVBD & SHUNT	N/A	N/A	QTY 1 ¼” ON ⅝” CTR	1	K, P	
5	CIRCUIT 5 DISTRIBUTION -OCCUPIES 1 DISTRIBUTION MODULE POSITON -QTY 20 GMT FUSE POSITIONS, #6-32 SCREW, MAX. TONGUE WIDTH 0.32”, MAX. 14AWG CABLE QTY 10 GMT FUSE POSITIONS CAN BE LVLD BREAKER POSITIONS IF LVLD IS CONFIGURED -QTY 2 BREAKER POSITIONS, ¼” ON ⅝” CENTER, MAX. TONGUE WIDTH 0.67” -OPTIONAL LVLD CONTACTOR POSITION	-48 / -24	QTY 2 ¼” ON ⅝” CTR	QTY 10 #6-32 SCREW, MAX. TONGUE WIDTH: 0.32” MAX. 14AWG	N/A	N/A	N/A	QTY 10 ON LVLD	QTY 1 ¼” ON ⅝” CTR	1	K, P	
9	CIRCUIT 9 DISTRIBUTION -OCCUPIES 1 DISTRIBUTION MODULE POSITON -QTY 20 GMT FUSE POSITIONS, COMPRESSION TERMINALS, ACCEPT 24-12AWG WIRE -QTY 4 BREAKER POSITIONS, ¼” ON ⅝” CENTER, MAX. TONGUE WIDTH 0.67” QTY 2 BREAKER POSITIONS CAN BE BATTERY BREAKER POSITIONS IF SHUNT/LVBD IS CONFIGURED -OPTIONAL SHUNT AND LVBD CONTACTOR POSITION	±48 / ±24	QTY 4 ¼” ON ⅝” CTR	QTY 20 COMPRESSION TERMINAL, MAX. 12AWG	N/A	QTY 2 ON LVBD & SHUNT	N/A	N/A	QTY 1 ¼” ON ⅝” CTR	1	C	
50	CIRCUIT 50 DISTRIBUTION -OCCUPIES 1 DISTRIBUTION MODULE POSITON -QTY 10 GMT FUSE LOAD POSITIONS, COMPRESSION TERMINALS, ACCEPT 26-12AWG WIRE -QTY 4 LOAD BREAKER POSITIONS (A, B, C, D*), #10-32 ON ⅝” CENTER, MAX. TONGUE WIDTH: HOT - 0.67”, RETURN - 0.55”. -QTY 2 BATTERY BULK OUTPUTS, ¼”-20 STUDS ON ⅝” CENTER, MAX. TONGUE WIDTH 0.52” (TOP ACCESS) -SHUNT AND OPTIONAL LVBD CONTACTOR POSITION	-48 / -24	QTY 4 #10-32 ON ⅝” CTR	QTY 10 COMPRESSION TERMINAL, MAX. 12AWG	QTY 2 ¼” ON ⅝” CTR	N/A	QTY 2 ON LVBD & SHUNT	N/A	QTY 1 #10-32 ON ⅝” CTR	1	Q, I	
56	CIRCUIT 56 DISTRIBUTION -OCCUPIES 1 DISTRIBUTION MODULE POSITON -QTY 10 GMT FUSE LOAD POSITIONS, COMPRESSION TERMINALS, ACCEPT 26-12AWG WIRE -QTY 2 BULK OUTPUTS, ¼”-20 STUDS ON ⅝” CENTER, MAX. TONGUE WIDTH 0.52” (TOP ACCESS) -QTY 4 BREAKER POSITIONS (A, B, C, D*), #10-32 ON ⅝” CENTER, MAX. TONGUE WIDTH: HOT - 0.67”, RETURN - 0.55”. QTY 2 BREAKER POSITIONS CAN BE BATTERY BREAKER POSITIONS IF SHUNT/LVBD IS CONFIGURED -OPTIONAL SHUNT AND LVBD CONTACTOR POSITION	±48 / ±24	QTY 4 #10-32 ON ⅝” CTR	QTY 10 COMPRESSION TERMINAL, MAX. 12AWG	QTY 2 ¼” ON ⅝” CTR	QTY 2 ON LVBD & SHUNT	N/A	N/A	QTY 1 #10-32 ON ⅝” CTR	1	Q, I	
57	CIRCUIT 57 DISTRIBUTION -OCCUPIES 1 DISTRIBUTION MODULE POSITON -QTY 10 GMT FUSE LOAD POSITIONS, COMPRESSION TERMINALS, ACCEPT 26-12AWG WIRE -QTY 2 BULK OUTPUTS, ¼”-20 STUDS ON ⅝” CENTER, MAX. TONGUE WIDTH 0.52” (TOP ACCESS) -QTY 4 BATTERY BREAKER POSITIONS (A, B, C, D*), #10-32 ON ⅝” CENTER, MAX. TONGUE WIDTH: HOT - 0.67”, RETURN - 0.55”. -SHUNT AND OPTIONAL LVBD CONTACTOR POSITION	-48 / -24	QTY 4 #10-32 ON ⅝” CTR	QTY 10 COMPRESSION TERMINAL, MAX. 12AWG	QTY 2 ¼” ON ⅝” CTR	QTY 4 ON LVBD & SHUNT	N/A	N/A	QTY 1 #10-32 ON ⅝” CTR	1	Q, I	
58	CIRCUIT 50 DISTRIBUTION -OCCUPIES 1 DISTRIBUTION MODULE POSITON -QTY 10 GMT FUSE LOAD POSITIONS, COMPRESSION TERMINALS, ACCEPT 26-12AWG WIRE -QTY 2 LOAD BREAKER POSITIONS (A, B), #10-32 ON ⅝” CENTER, MAX. TONGUE WIDTH: HOT - 0.67”, RETURN - 0.55”. -QTY 2 LOAD BREAKER POSITIONS (C, D*), #10-32 ON ⅝” CENTER, MAX. TONGUE WIDTH: HOT - 0.67”, RETURN - 0.55” -SHUNT AND OPTIONAL LVBD CONTACTOR POSITION	-48 / -24	QTY 4 #10-32 ON ⅝” CTR	QTY 10 COMPRESSION TERMINAL, MAX. 12AWG	N/A	QTY 2 ON LVBD & SHUNT	N/A	N/A	QTY 1 #10-32 ON ⅝” CTR	1	Q, I	

NOTE:

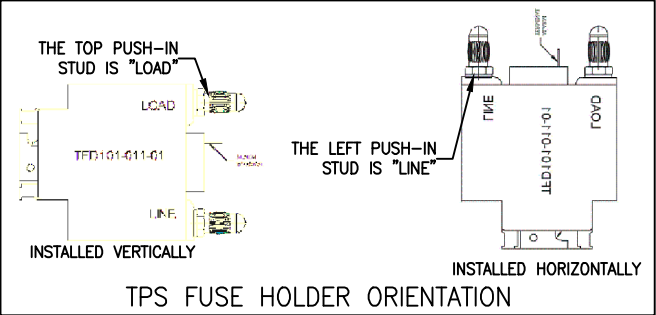
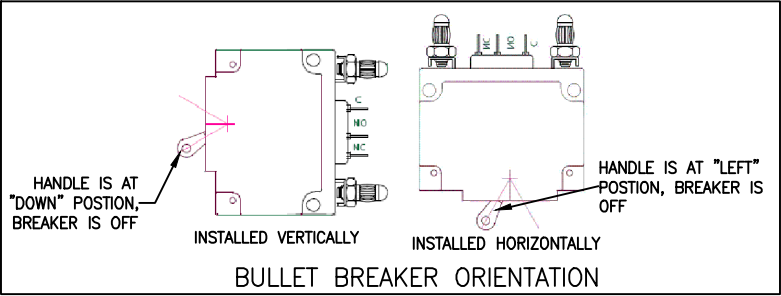
1. BULLET BREAKER ORIENTATION:

- WHEN BREAKER IS INSTALLED VERTICALLY, THE BREAKER WILL BE OFF WHEN THE HANDLE IS AT "DOWN" POSITION

- WHEN BREAKER IS INSTALLED HORIZONTALLY, THE BREAKER WILL BE OFF WHEN THE HANDLE IS AT "LEFT" POSITION
2. TPS FUSE HOLDER ORIENTATION

- WHEN THE HOLDER IS INSTALLED VERTICALLY, THE TOP PUSH-IN BULLET WILL BE THE "LOAD" ONE

- WHEN THE HOLDER IS INSTALLED HORIZONTALLY, THE LEFT PUSH-IN BULLET WILL BE THE "LINE" ONE
3. *: "D" BREAKER POSITION IS NOT COMPATIBLE WITH TPS FUSE



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DESCRIPTION OF CHANGE PER ECO NO.
NEW DRAWING RELEASE

ENGINEER
Franky Huang

ENG.
11-15-16

DRAFTER
FMH

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COMPACT PRODUCT GUIDE

DISTRIBUTION

DRAWING ISSUE DATE

SECTION

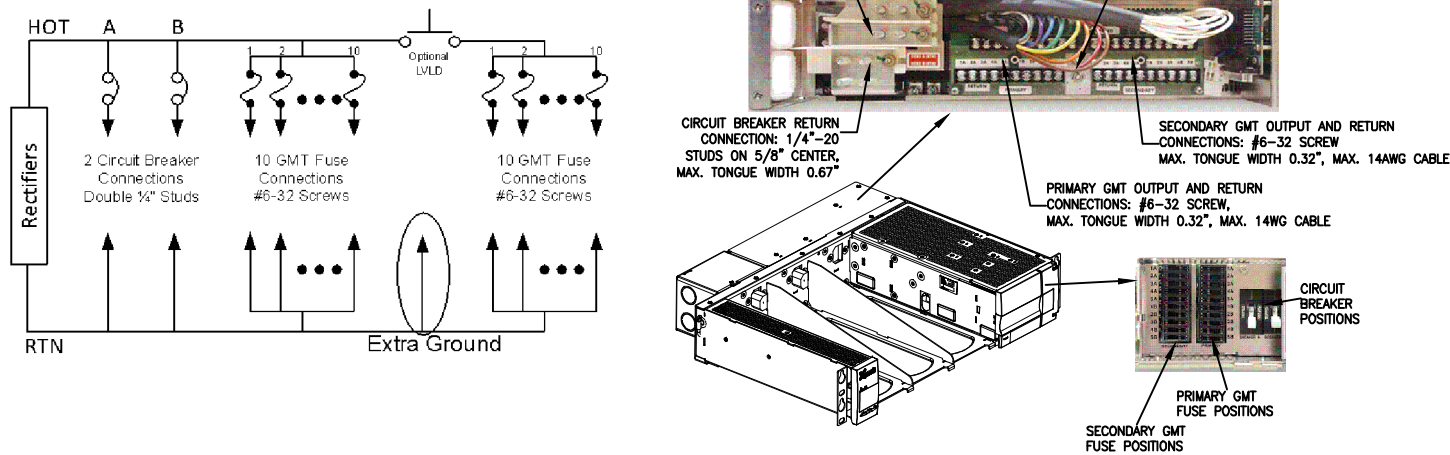
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DRAWING NUMBER

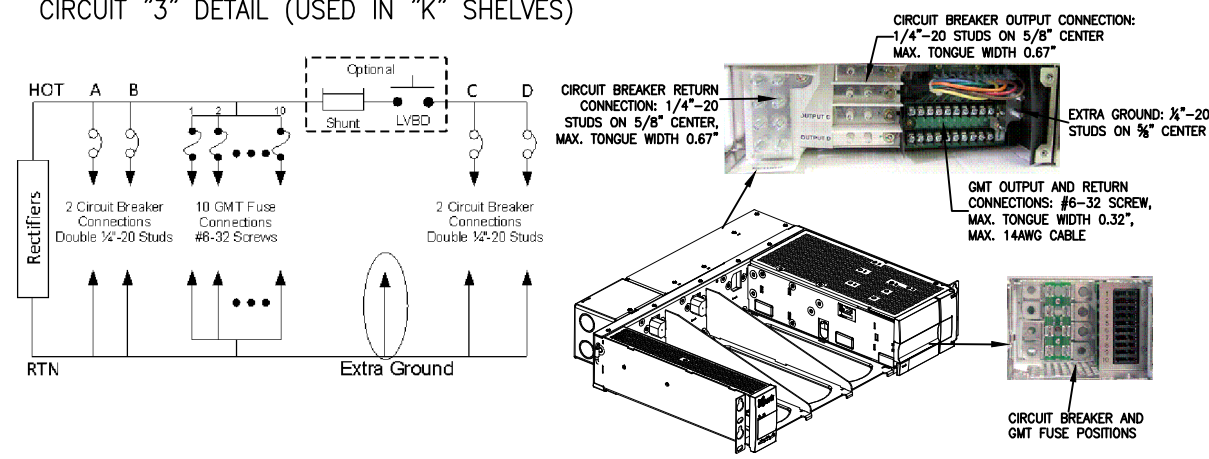
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SECTION 1.2-CONTINUED DC DISTRIBUTION FOR REFERENCE

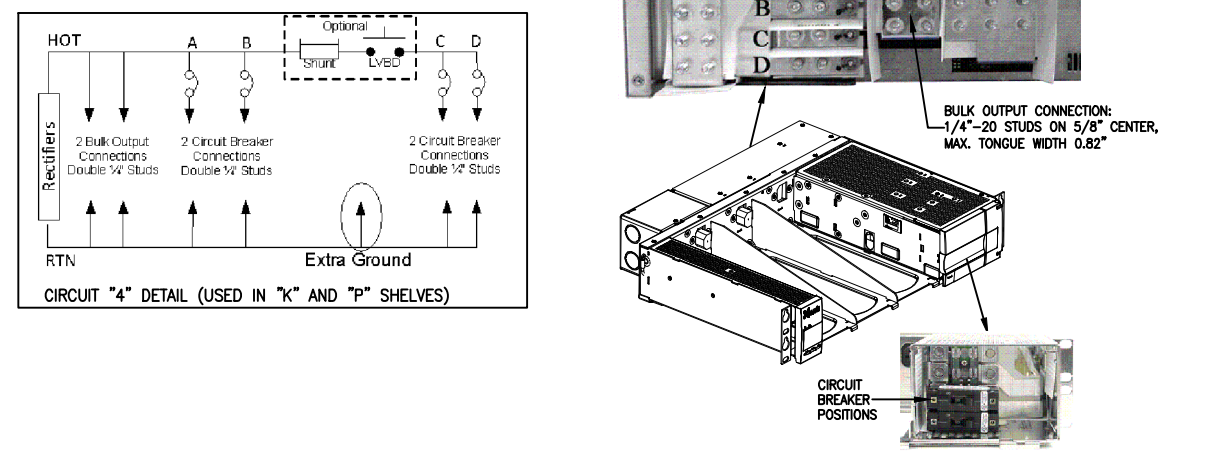
CIRCUIT "5" DETAIL (USED IN "K" AND "P" SHELVES)



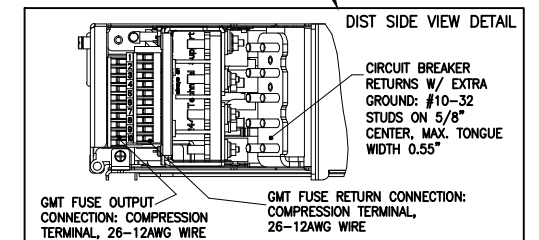
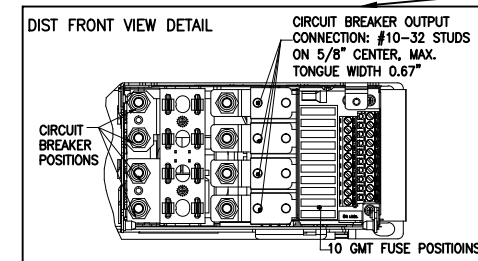
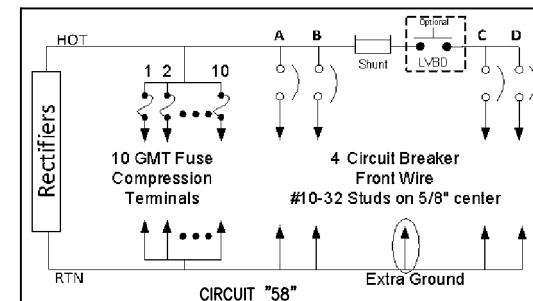
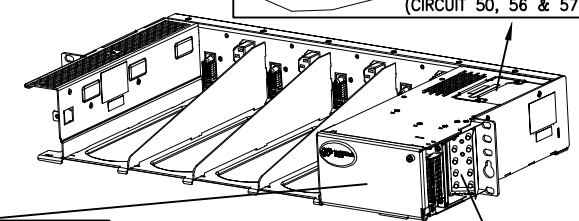
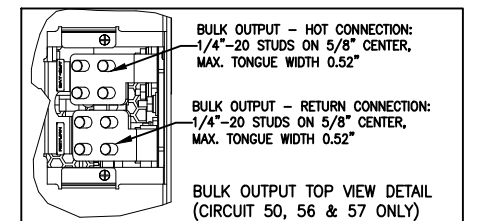
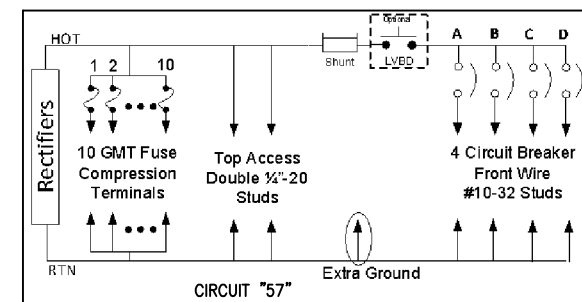
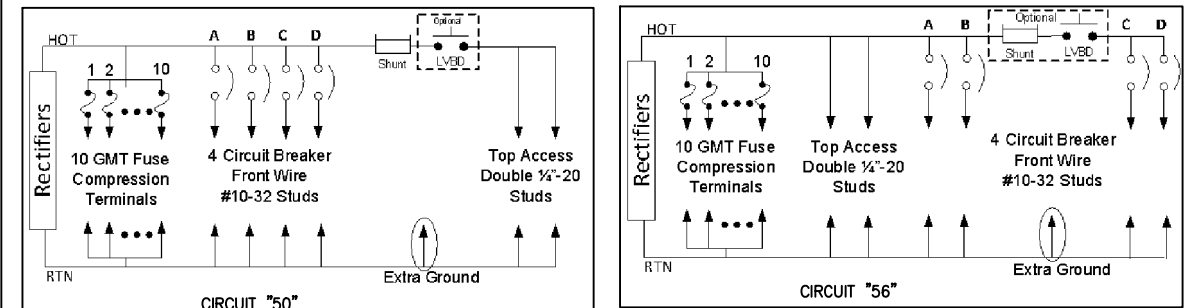
CIRCUIT "3" DETAIL (USED IN "K" SHELVES)



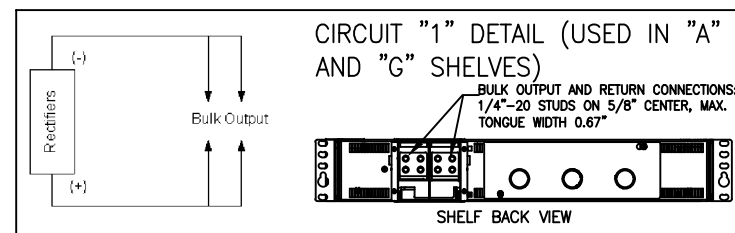
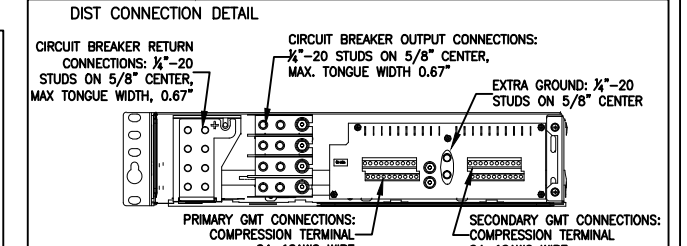
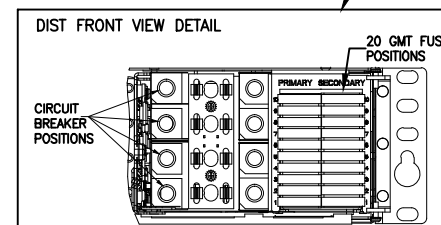
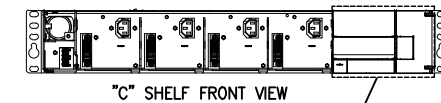
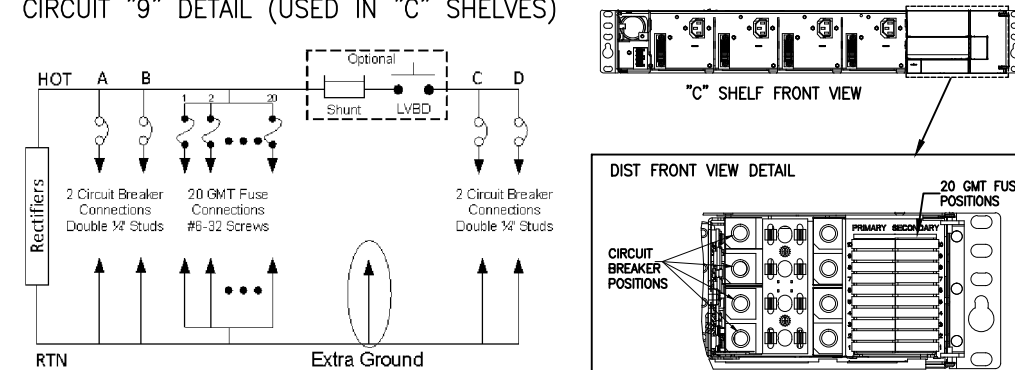
CIRCUIT "4" DETAIL



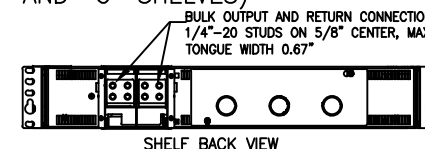
CIRCUIT "50", "56", "57" AND "58" DETAIL (USED IN "I" AND "Q" SHELVES)



CIRCUIT "9" DETAIL (USED IN "C" SHELVES)



CIRCUIT "1" DETAIL (USED IN "A" AND "G" SHELVES)



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DESCRIPTION OF CHANGE PER ECO NO.		
NEW DRAWING RELEASE		
ENGINEER Franky Huang	ENG. 11-15-16	 ELTEK
DRAFTER FMH	DRAWN	
APPROVED	IFS	CAD AUTOCAD
		ASSEMBLY DRAWING
		COMPACT PRODUCT GUIDE
		DISTRIBUTION
		DRAWING ISSUE DATE
		SECTION 1.2-CONTINUED
		DRAWING NUMBER 2102504

SECTION 2.0 CONTROLLER AND CONTROLLER ACCESSORIES

TABLE 2A CONTROLLER SELECT ONE (EVERY SYSTEM MUST HAVE ONE CONTROLLER)

PART NUMBER	DESCRIPTION	SYSTEM VOLTAGE (VDC)	# OF OUTPUT RELAY	# OF CONFIGUABLE INPUT	WIDTH (IN)	DEPTH (IN)	HEIGHT (RU)	APPROXIMATE WEIGHT (LBS)	CLEI/CPR	QTY PER PALLET	NOTE
BC2000-A01-10VC	CONTROLLER FOR 48V POWER SYSTEMS	48	6	4	1.81	10.8	2	0.66	YES	189	
BC2000-B01-10VW	CONTROLLER FOR 24V POWER SYSTEMS	24	6	4	1.81	10.8	2	0.66	NO	189	

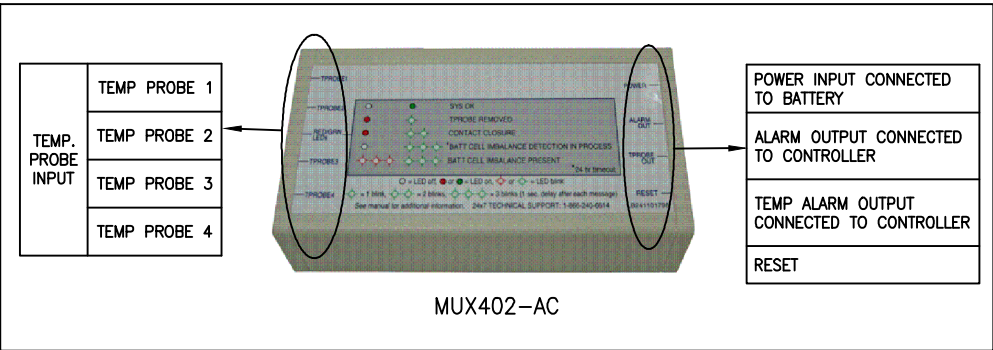
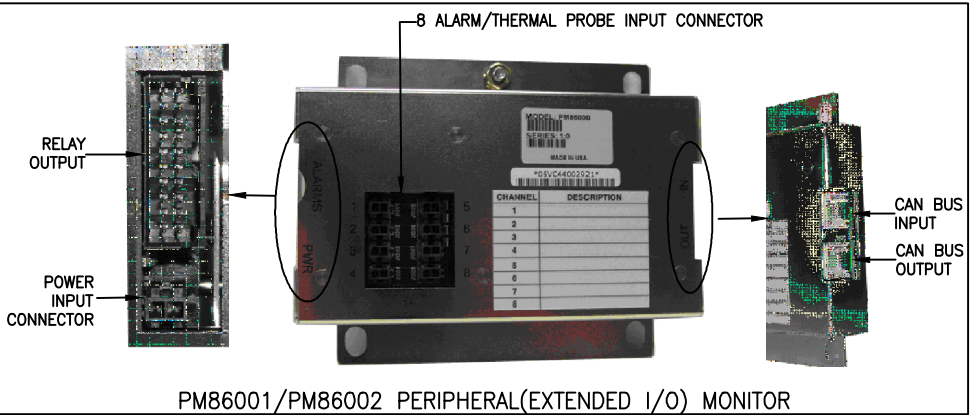
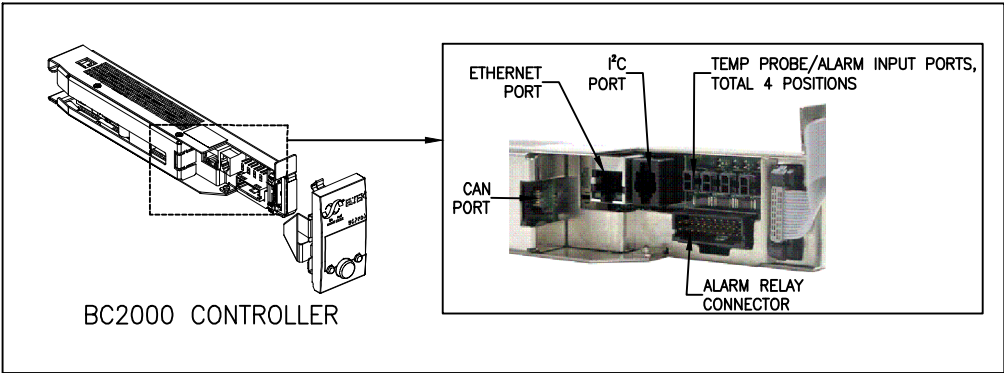


TABLE 2B CONTROLLER ACCESSORIES SELECT IF NECESSARY

PART NUMBER	DESCRIPTION	OUTPUT	INPUT	WIDTH (IN)	DEPTH (IN)	HEIGHT (IN)	APPROXIMATE WEIGHT (LBS)	NOTE
PM86001	PERIPHERAL MONITORING (PM) DEVICE IS TO EXTEND SYSTEM MONITORING BY PROVIDING EIGHT INPUT PORTS (FOR ALARMS OR THERMAL PROBES) AND SIX FORM-C OUTPUT ALARM RELAYS	6 RELAY OUTPUT	8 INPUT PORT FOR ALARMS OR THERMAL PROBES	5.4	4.3	1	1.5	MAX. 8 IN ONE POWER SYSTEM
MUX402-AC	MUX KIT, ALL CHANNEL MONITORING MIDPOINT MONITORING UP TO 2 BATTERY STRINGS, 4 TEMP PROBE POINTS INCLUDING: 1 FOUR-WIRE POWER CABLE (MONITORING BATTERY MIDPOINT VOLTAGE IMBALANCE), 1 ALARM OUTPUT CABLE, 1 TEMP ALARM OUTPUT CABLE	1 ALARM OUTPUT 1 TEMP. ALARM OUTPUT	UP TO 2 BATTERY MIDPOINT MONITORING INPUTS 4 TEMPERATURE PROBE INPUTS	4.3	2.6	1.1	1	

TABLE 2C THERMAL PROBE CABLES SELECT IF NECESSARY

P/N	DESCRIPTION	LENGTH (FT)	NOTE
TPP10	THERMAL PROBE KIT - PADDLE, 10 FT.	10	
TPP20	THERMAL PROBE KIT - PADDLE, 20 FT.	20	
TPP50	THERMAL PROBE KIT - PADDLE, 50FT.	50	
THN110KJ002	THERMAL PROBE, PADDLE	N/A	FOR REPLACEMENT
TPR10	THERMAL PROBE KIT-RING TERM 1/4", 10 FT.	10	
TPR20	THERMAL PROBE KIT-RING TERM 1/4", 20 FT.	20	
TPR30	THERMAL PROBE KIT-RING TERM 1/4", 30 FT.	30	
TPR50	THERMAL PROBE KIT-RING TERM 1/4", 50 FT.	50	
TPR100	THERMAL PROBE KIT-RING TERM 1/4", 100 FT.	100	
TH000000005	THERMAL PROBE, 1/4" TERMINAL RING G1	0.25	FOR REPLACEMENT
TPL10	THERMAL PROBE KIT-RING TERM 5/16", 10 FT.	10	
TPL20	THERMAL PROBE KIT-RING TERM 5/16", 20 FT.	20	
TPL50	THERMAL PROBE KIT-RING TERM 5/16", 50 FT.	50	
TH000000006	THERMAL PROBE, 5/16" TERMINAL RING	0.25	FOR REPLACEMENT

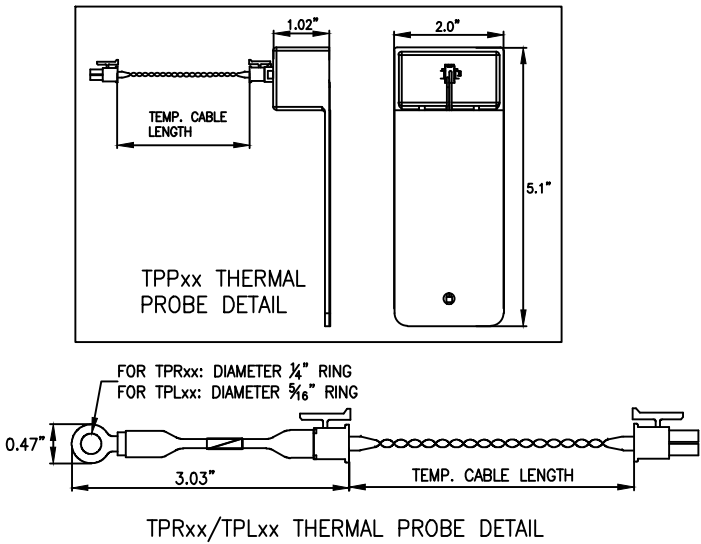


TABLE 2E ALARM CABLES SELECT IF NECESSARY

PART NUMBER	DESCRIPTION	CABLE LENGTH (FOOT)	NOTE
CA210203104	ALARM CABLE, 10', 24AWG SOLID, AMP CONNECTOR	10	
CA210203105	ALARM CABLE, 50', 24AWG SOLID, AMP CONNECTOR	50	
CA210203106	ALARM CABLE, 100', 24AWG SOLID, AMP CONNECTOR	100	

TABLE 2F J1 PIN DEFINITION

J1 PIN #	WIRE COLOR	WIRE LABEL TEXT	J1 PIN #	WIRE COLOR	WIRE LABEL TEXT
10	OR/WHT	A-NC	18	TAN/WHT	F-NC
8	OR/BLK	A-NO	20	TAN/BLK	F-NO
12	RED/WHT	B-NC	9	OR	A-C
14	RED/BLK	B-NO	13	RED	B-C
15	GRN/WHT	C-MC	16	FRN	C-C
17	GRN/BLK	C-NO	3	LT BL	E-C
4	LT BL/WHT	E-NC	6	YLW	D-C
2	LT BL/BLK	C-NO	19	TAN	F-C
7	YLW/WHT	D-NC	1	WHT	NOT USED
5	YLW/BLK	D-NO	11	BLK	NOT USED

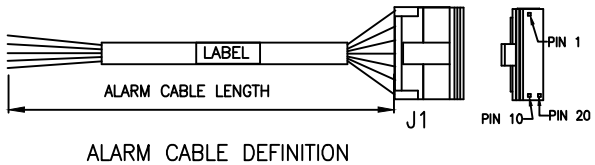
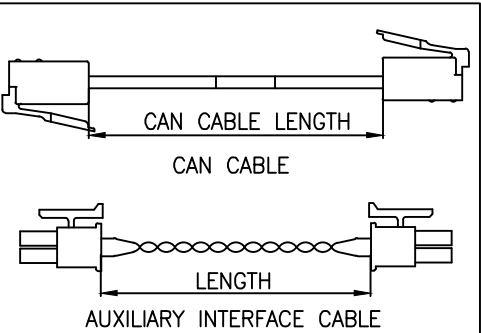


TABLE 2D AUXILIARY CABLES SELECT IF NECESSARY

P/N	DESCRIPTION	LENGTH (FT)	NOTE
XXCA210042996	PERIPHERAL MONITOR CAN CABLE 10'	10	
CA210042997	PERIPHERAL MONITOR CAN CABLE 50'	50	
CA210042998	PERIPHERAL MONITOR CAN CABLE 100'	100	
CA210022047	AUXILIARY INTERFACE CABLE, 10FT	10	
CA210022049	AUXILIARY INTERFACE CABLE, 20FT	20	
CA210022356	AUXILIARY INTERFACE CABLE, 50FT	50	
CA210022505	AUXILIARY INTERFACE CABLE, 100FT	100	
XXCA210063726	CABLE, CAN TERMINATION	N/A	



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DESCRIPTION OF CHANGE PER ECO NO.
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ENGINEER Franky Huang	ENG. 11-15-16
DRAFTER FMH	DRAWN
APPROVED	IFS

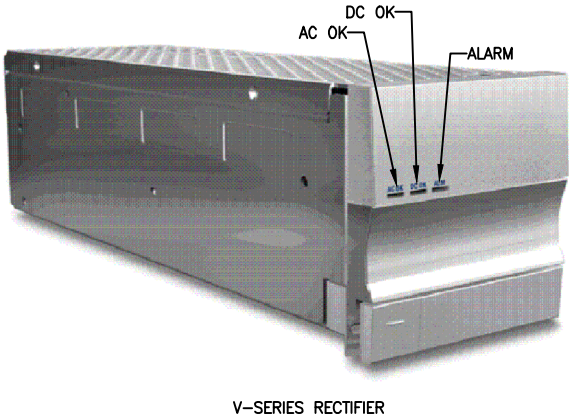
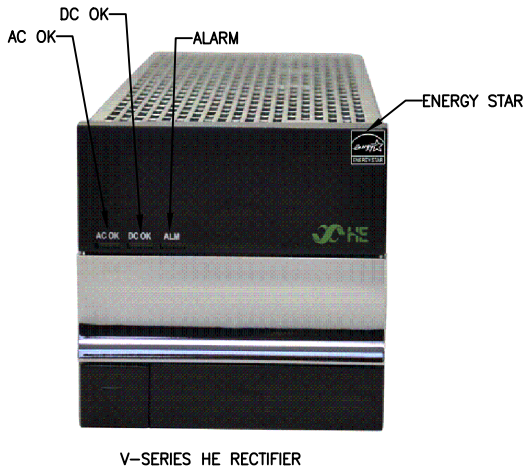


ASSEMBLY DRAWING COMPACT PRODUCT GUIDE CONTROLLER
DRAWING ISSUE DATE
SECTION 2.0
DRAWING NUMBER 2102504

SECTION 3.0 RECTIFIERS SELECT IF NECESSARY

TABLE 3 RECTIFIER LIST

PART NUMBER	DESCRIPTION	AC INPUT VOLTAGE (VAC)	NOMINAL INPUT CURRENT (A)	OUTPUT VOLTAGE (VDC)	OUTPUT POWER (W) @NOMINAL INPUT	OUTPUT CURRENT(A)	EFFICIENCY	AGENCY APPROVAL	WIDTH (IN)	DEPTH (IN)	HEIGHT (RU)	APPROXIMATE WEIGHT (LBS)	BTU/HR AT NOMINAL INPUT	ENERGY STAR	CLEI/ CPR	QTY PER PALLET	NOTE
V1000A1-HE	RECTIFIER, 1120W, 53.5V, 20A 90-264VAC INPUT RANGE; FAN COOLED (BOTTOM TO TOP); 1120W OUTPUT; 95.5% EFFICIENCY; OPERATING TEMPERATURE -40 TO +65°C. WEIGHT 7LBS	90-264	13.0A@90VAC 6.3A@180VAC	54	1120	20	≤96%	CE, CSA, NEBS RoHS COMPLIANT	3.41	11.14	2	7	77 @ 50% LOAD 146 @ 100% LOAD	YES	YES	48	
V1500A1-HE	RECTIFIER, 1620W, 53.5V, 20A 180-264VAC INPUT RANGE; FAN COOLED (BOTTOM TO TOP); 1120W OUTPUT; 95.5% EFFICIENCY; OPERATING TEMPERATURE -40 TO +65°C. WEIGHT 7LBS	180-264	9.5A@180VAC	54	1680	30	≤96%	CE, CSA, NEBS RoHS COMPLIANT	3.41	11.14	2	7	126 @ 50% LOAD 271 @ 100% LOAD	YES	YES	48	
V2000A1-HE	RECTIFIER, 2160W, 53.5V, 40A 180-264VAC INPUT RANGE; FAN COOLED (BOTTOM TO TOP); 2160W OUTPUT; 95.5% EFFICIENCY; OPERATING TEMPERATURE -40 TO +70°C. WEIGHT 7LBS	180-264	12.8A@180VAC	54	2160	40	≤96%	CE, CSA, NEBS RoHS COMPLIANT	3.41	11.14	2	7	161 @ 50% LOAD 419 @ 100% LOAD	YES	YES	48	
VBLANK-HE	RECTIFIER VHE BLANK MODULE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	3.41	11.14	2	1	N/A	NO	YES	48	
V0500A-VC	RECTIFIER, 560W, 53.5V, 10A 90-264VAC INPUT RANGE; FAN COOLED (BOTTOM TO TOP); 500W OUTPUT; 88% EFFICIENCY; OPERATING TEMPERATURE -40 TO +65°C. WEIGHT 7LBS	90-264	6.9A@90VAC 3.3A@180VAC	54	560	10	≤88%	CE, UL, CSA, NEBS RoHS COMPLIANT	3.41	11.14	2	7	173 @ 50% LOAD 244 @ 100% LOAD	NO	YES	48	
V0750A-VC	RECTIFIER, 840W, 53.5V, 15A 90-264VAC INPUT RANGE; FAN COOLED (BOTTOM TO TOP); 840W OUTPUT; 91% EFFICIENCY; OPERATING TEMPERATURE -40 TO +65°C. WEIGHT 7LBS	90-264	10.2A@90VAC 5.0A@180VAC	54	840	15	≤91%	CE, UL, NEBS RoHS COMPLIANT	3.41	11.14	2	7	166 @ 50% LOAD 280 @ 100% LOAD	NO	YES	48	
V1000A-VC	RECTIFIER, 1120W, 53.5V, 20A 90-264VAC INPUT RANGE; FAN COOLED (BOTTOM TO TOP); 1120W OUTPUT; 91% EFFICIENCY; OPERATING TEMPERATURE -40 TO +65°C. WEIGHT 7LBS	90-264	13.7A@90VAC 6.6A@180VAC	54	1120	20	≤91%	CE, UL, CSA, NEBS RoHS COMPLIANT	3.41	11.14	2	7	221 @ 50% LOAD 373 @ 100% LOAD	NO	YES	48	
V1250A-VC	RECTIFIER, 1400W, 53.5V, 25A 90-264VAC INPUT RANGE; FAN COOLED (BOTTOM TO TOP); 1400W OUTPUT; 91% EFFICIENCY; OPERATING TEMPERATURE -40 TO +75°C. WEIGHT 7LBS	90-264	17.3A@90VAC 8.3A@180VAC	54	1400	25	≤91%	CE, UL, NEBS RoHS COMPLIANT	3.41	11.14	2	7	276 @ 50% LOAD 467 @ 100% LOAD	NO	YES	48	
V1500A-VC	RECTIFIER, 1680W, 53.5V, 30A 180-264VAC INPUT RANGE; FAN COOLED (BOTTOM TO TOP); 1680W OUTPUT; 92% EFFICIENCY; OPERATING TEMPERATURE -40 TO +65°C. WEIGHT 7LBS	180-264	10.0A@180VAC	54	1680	30	≤92%	CE, UL, CSA, NEBS RoHS COMPLIANT	3.41	11.14	2	7	294 @ 50% LOAD 619 @ 100% LOAD	NO	YES	48	
V2000A-VC	RECTIFIER, 2240W, 53.5V, 40A 180-264VAC INPUT RANGE; FAN COOLED (BOTTOM TO TOP); 2240W OUTPUT; 92% EFFICIENCY; OPERATING TEMPERATURE -40 TO +70°C. WEIGHT 7LBS	180-264	13.1A@180VAC	54	2240	40	≤92%	CE, UL, NEBS RoHS COMPLIANT	3.41	11.14	2	7	339 @ 50% LOAD 733 @ 100% LOAD	NO	YES	48	
V2500A-VC	RECTIFIER, 2800W, 53.5V, 50A 180-264VAC INPUT RANGE; FAN COOLED (BOTTOM TO TOP); 2240W OUTPUT; 92% EFFICIENCY; OPERATING TEMPERATURE -40 TO +65°C. WEIGHT 7LBS	180-264	18.2A@180VAC	54	2800	50	≤92%	CE, UL, NEBS RoHS COMPLIANT	3.41	11.14	2	7	424 @ 50% LOAD 916 @ 100% LOAD	NO	YES	48	
V1000B-VC	RECTIFIER 24V, 1120W, 40A OUTPUT 90-264VAC INPUT RANGE; FAN COOLED (BOTTOM TO TOP); 1120W OUTPUT; 90% EFFICIENCY; OPERATING TEMPERATURE -40 TO +73°C. WEIGHT 7LBS	90-264	14.6A@90VAC 6.8A@180VAC	27	1120	40	≤90%	CE, UL, NEBS RoHS COMPLIANT	3.41	11.14	2	7	283 @ 50% LOAD 469 @ 100% LOAD	NO	YES	48	
V1500B-VC	RECTIFIER 24V, 1680W, 60A OUTPUT 180-264VAC INPUT RANGE; FAN COOLED (BOTTOM TO TOP); 16800W OUTPUT; 90% EFFICIENCY; OPERATING TEMPERATURE -40 TO +73°C. WEIGHT 7LBS	180-264	10.4A@180VAC	27	1680	60	≤90%	CE, UL, NEBS RoHS COMPLIANT	3.41	11.14	2	7	425 @ 50% LOAD 703 @ 100% LOAD	NO	YES	48	
VBLANK-VC	BLANK V-SERIES RECTIFIER CHASSIS	N/A	N/A	N/A	N/A	N/A	N/A	N/A	3.41	11.14	2	1	N/A	NO	YES	48	



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ENGINEER Franky Huang	ENG. 07-25-16
DRAFTER FMH	DRAWN
APPROVED	IFS



CAD	AUTOCAD
ASSEMBLY DRAWING COMPACT PRODUCT GUIDE RECTIFIER	
DRAWING ISSUE DATE	
SECTION	3.0
DRAWING NUMBER	2102504

SECTION 4.0 ACCESSORIES – AC LINE CORD

TABLE 4A LL LINE CORD LIST

PART NUMBER	SHELF CONNECTOR	AC SOURCE CONNECTOR	LENGTH (FT)	WIRE GAUGE (AWG)
LL1006-UU	ONE-HOLE LUG	UNTERMINATED	10	6
LL1008-L550P	ONE-HOLE LUG	NEMA L550P	10	8
LL1008-L650P	ONE-HOLE LUG	NEMA L650P	10	8
LL1008-N550P	ONE-HOLE LUG	NEMA N550P	10	8
LL1008-UU	ONE-HOLE LUG	UNTERMINATED	10	8
LL2008-UU	ONE-HOLE LUG	UNTERMINATED	20	8
LL2008-L620P	ONE-HOLE LUG	NEMA L620P	20	8
LL1010-L530P	ONE-HOLE LUG	NEMA L530P	10	10
LL1010-L620P	ONE-HOLE LUG	NEMA L620P	10	10
LL1010-N530P	ONE-HOLE LUG	NEMA N530P	10	10
LL1010-UU	ONE-HOLE LUG	UNTERMINATED	10	10
LL1510-L630P	ONE-HOLE LUG	NEMA L630P	15	10
LL2010-L530P	ONE-HOLE LUG	NEMA L530P	20	10
LL2010-L630P	ONE-HOLE LUG	NEMA L630P	20	10
LL2010-UU	ONE-HOLE LUG	UNTERMINATED	20	10
LL2510-L630P	ONE-HOLE LUG	NEMA L630P	25	10
LL1012-L520P	ONE-HOLE LUG	NEMA L520P	10	12
LL1012-L620P	ONE-HOLE LUG	NEMA L620P	10	12
LL1012-N520P	ONE-HOLE LUG	NEMA N520P	10	12
LL1012-UU	ONE-HOLE LUG	UNTERMINATED	10	12
LL2012-L620P	ONE-HOLE LUG	NEMA L620P	20	12
LL2012-UU	ONE-HOLE LUG	UNTERMINATED	20	12
LL2512-UU	ONE-HOLE LUG	UNTERMINATED	25	12
LL1014-L515P	ONE-HOLE LUG	NEMA L515P	10	14
LL1014-L615P	ONE-HOLE LUG	NEMA L615P	10	14
LL1014-N515P	ONE-HOLE LUG	NEMA N515P	10	14
LL1014-N615P	ONE-HOLE LUG	NEMA N615P	10	14
LL1014-UU	ONE-HOLE LUG	UNTERMINATED	10	14

TABLE 4B LM LINE CORD LIST

PART NUMBER	SHELF CONNECTOR	AC SOURCE CONNECTOR	LENGTH (FT)	WIRE GAUGE (AWG)
LM1006-UU	MOLEX	UNTERMINATED	10	6
LM1008-L550P	MOLEX	NEMA L550P	10	8
LM1008-UU	MOLEX	UNTERMINATED	10	8
LM2008-UU	MOLEX	UNTERMINATED	20	8
LM3008-UU	MOLEX	UNTERMINATED	30	8
LM1010-L1430P	MOLEX	NEMA L1430P	10	10
LM1010-L530P	MOLEX	NEMA L530P	10	10
LM1010-L630P	MOLEX	NEMA L630P	10	10
LM1010-N530P	MOLEX	NEMA N530P	10	10
LM1010-UU	MOLEX	UNTERMINATED	10	10
LM1510-L530P	MOLEX	NEMA L530P	15	10
LM1510-L630P	MOLEX	NEMA L630P	15	10
LM2010-L530P	MOLEX	NEMA L530P	20	10
LM2010-L630P	MOLEX	NEMA L630P	20	10
LM2010-UU	MOLEX	UNTERMINATED	20	10
LM2510-L530P	MOLEX	NEMA L530P	25	10
LM2510-L630P	MOLEX	NEMA L630P	25	10
LM2510-UU	MOLEX	UNTERMINATED	25	10
LM0412-L620P	MOLEX	NEMA L620P	4	12
LM1012-L520P	MOLEX	NEMA L520P	10	12
LM1012-L620P	MOLEX	NEMA L620P	10	12
LM1012-N520P	MOLEX	NEMA N520P	10	12
LM1012-N620P	MOLEX	NEMA N620P	10	12
LM1012-UU	MOLEX	UNTERMINATED	10	12
LM1512-L515P	MOLEX	NEMA L515P	15	12
LM2012-N515P	MOLEX	NEMA N515P	20	12
LM2012-UU	MOLEX	UNTERMINATED	20	12
LM1014-N515P	MOLEX	NEMA N515P	10	14
LM1014-UU	MOLEX	UNTERMINATED	10	14

TABLE 4C LD LINE CORD LIST

PART NUMBER	SHELF CONNECTOR	AC SOURCE CONNECTOR	LENGTH (FT)	WIRE GAUGE (AWG)
LD1004-UU	TWO-HOLE LUG	UNTERMINATED	10	4
LD1006-UU	TWO-HOLE LUG	UNTERMINATED	10	6
LD1010-L630P	TWO-HOLE LUG	NEMA L630P	10	10

TABLE 4D LA LINE CORD LIST

PART NUMBER	SHELF CONNECTOR	AC SOURCE CONNECTOR	LENGTH (FT)	WIRE GAUGE (AWG)
LA1010-L1430P	AMP	NEMA L1430P	10	10
LA1010-L630P	AMP	NEMA L630P	10	10
LA1010-UU	AMP	UNTERMINATED	10	10
LA2010-UU	AMP	UNTERMINATED	20	10
LA1012-L620P	AMP	NEMA L620P	10	12
LA1012-N520P	AMP	NEMA N520P	10	12
LA1012-UU	AMP	UNTERMINATED	10	12
LA2012-UU	AMP	UNTERMINATED	20	12
LA1014-L515P	AMP	NEMA L515P	10	14
LA1014-UU	AMP	UNTERMINATED	10	14

LINE CORD P/N NAMING CONVENTION:

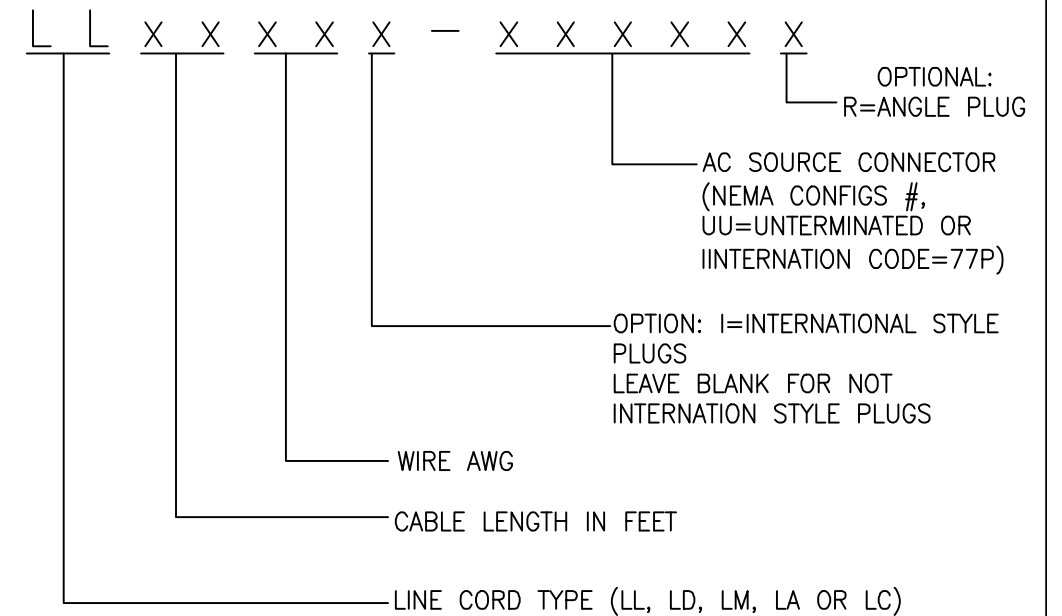
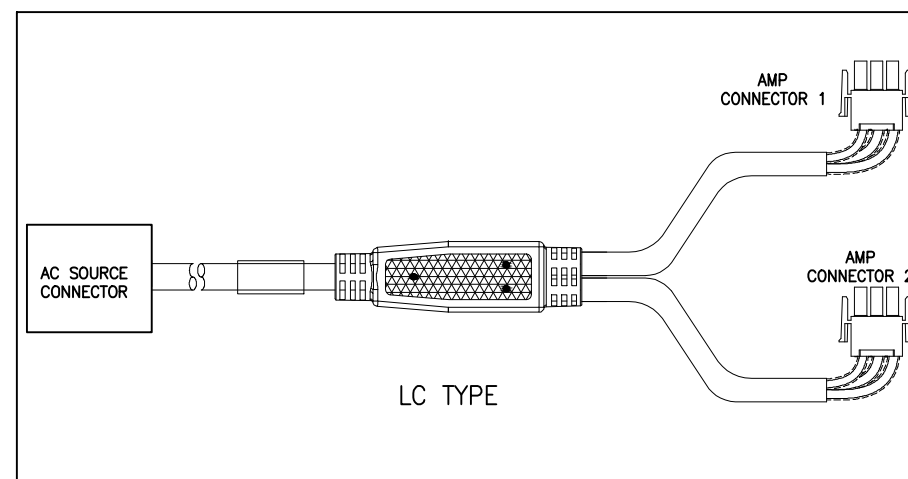
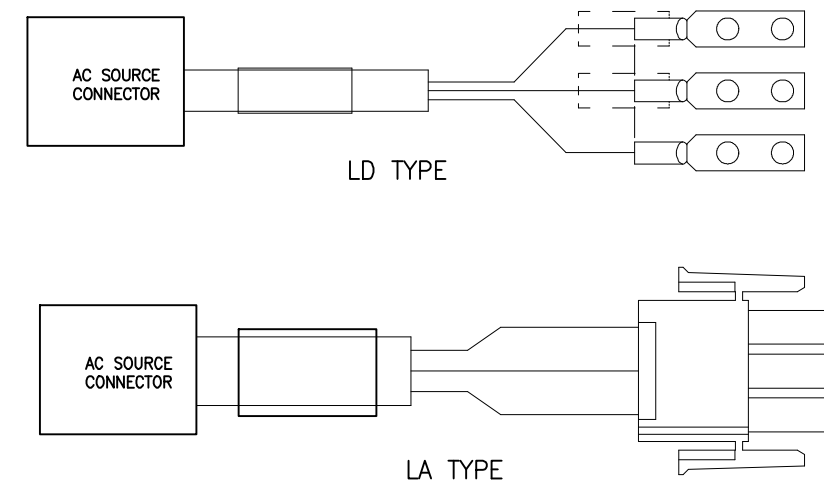
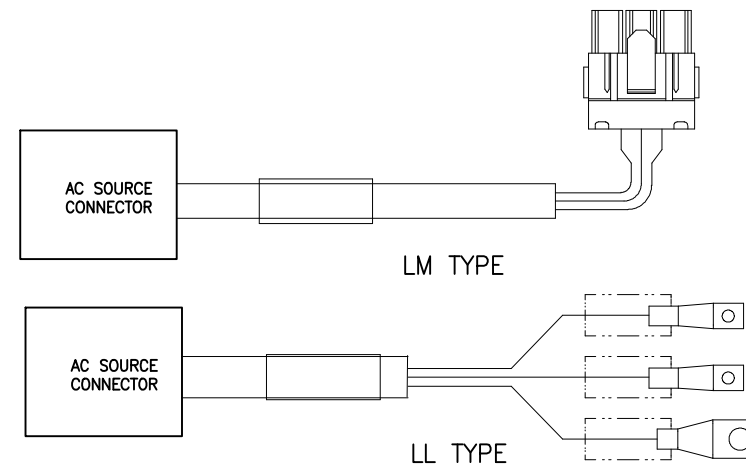


TABLE 4L LC LINE CORD LIST

PART NUMBER	SHELF CONNECTOR	AC SOURCE CONNECTOR	LENGTH (FT)	WIRE GAUGE (AWG)
LC1012-UU	QTY 2 AMP CONNECTORS	UNTERMINATED	10	12
LC1512-UU	QTY 2 AMP CONNECTORS	UNTERMINATED	15	12
LC1010-UU	QTY 2 AMP CONNECTORS	UNTERMINATED	10	10
LC2010-UU	QTY 2 AMP CONNECTORS	UNTERMINATED	20	10
LC1008-UU	QTY 2 AMP CONNECTORS	UNTERMINATED	10	8
LC1012-N520P	QTY 2 AMP CONNECTORS	NEMA N520P	10	12
LC1012-L620P	QTY 2 AMP CONNECTORS	NEMA L620P	10	12
LC1010-N530P	QTY 2 AMP CONNECTORS	NEMA N530P	10	10
LC2010-N530P	QTY 2 AMP CONNECTORS	NEMA N530P	20	10
LC1010-L630P	QTY 2 AMP CONNECTORS	NEMA L630P	10	10
LC2010-L630P	QTY 2 AMP CONNECTORS	NEMA L630P	20	10

TABLE 4M LINE CORD GRIP

TABLE 4M LINE CORD GRIP		
PART NUMBER	DESCRIPTION	NOTE
258884	CORD GRIP KIT, 1"	
SA000000558	CORD GRIP KIT, 3/4"	



LCxxx-UU

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Franky Huang	07-25-16

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COMPACT PRODUCT GUIDE
ACCESSORY - AC LINE CORD
DRAWINGS SUBJECT DATE

DRAWING ISSUE DATE
SECTION 4.0

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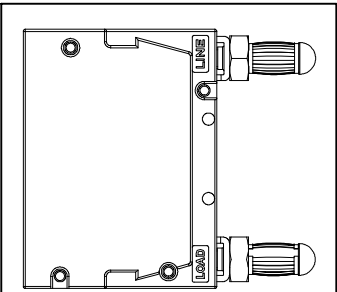
SECTION 4.1 ACCESSORY – BREAKERS

TABLE 4E BULLET BREAKER LIST

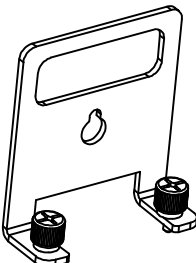
PART NUMBER	DESCRIPTION	RATING (A)	NUMBER OF POLES	QTY PER BOX	NOTE
CBB001E	BULLET BREAKER, 1 AMP, ELECTRO MECHANICAL	1	1	36	
CBB002E	BULLET BREAKER, 2 AMP, ELECTRO MECHANICAL	2	1	36	
CBB003E	BULLET BREAKER, 3 AMP, ELECTRO MECHANICAL	3	1	36	
CBB005E	BULLET BREAKER, 5 AMP, ELECTRO MECHANICAL	5	1	36	
CBB010E	BULLET BREAKER, 10 AMP, ELECTRO MECHANICAL	10	1	36	
CBB015E	BULLET BREAKER, 15 AMP, ELECTRO MECHANICAL	15	1	36	
CBB020E	BULLET BREAKER, 20 AMP, ELECTRO MECHANICAL	20	1	36	
CBB025E	BULLET BREAKER, 25 AMP, ELECTRO MECHANICAL	25	1	36	
CBB030E	BULLET BREAKER, 30 AMP, ELECTRO MECHANICAL	30	1	36	
CBB035E	BULLET BREAKER, 35 AMP, ELECTRO MECHANICAL	35	1	36	
CBB040E	BULLET BREAKER, 40 AMP, ELECTRO MECHANICAL	40	1	36	
CBB045E	BULLET BREAKER, 45 AMP, ELECTRO MECHANICAL	45	1	36	
CBB050E	BULLET BREAKER, 50 AMP, ELECTRO MECHANICAL	50	1	36	
CBB060E	BULLET BREAKER, 60 AMP, ELECTRO MECHANICAL	60	1	36	
CBB070E	BULLET BREAKER, 70 AMP, ELECTRO MECHANICAL	70	1	36	
CBB075E	BULLET BREAKER, 75 AMP, ELECTRO MECHANICAL	75	1	36	
CBB080E	BULLET BREAKER, 80 AMP, ELECTRO MECHANICAL	80	1	36	
CBB090E	BULLET BREAKER, 90 AMP, ELECTRO MECHANICAL	90	1	36	
CBB100E	BULLET BREAKER, 100 AMP, ELECTRO MECHANICAL	100	1	36	
CBB003M	BULLET BREAKER, 3 AMP, MID-TRIP W WHITE HANDLE	3	1	36	
CBB005M	BULLET BREAKER, 5 AMP, MID-TRIP W WHITE HANDLE	5	1	36	
CBB010M	BULLET BREAKER, 10 AMP, MID-TRIP W WHITE HANDLE	10	1	36	
CBB015M	BULLET BREAKER, 15 AMP, MID-TRIP W WHITE HANDLE	15	1	36	
CBB020M	BULLET BREAKER, 20 AMP, MID-TRIP W WHITE HANDLE	20	1	36	
CBB025M	BULLET BREAKER, 25 AMP, MID-TRIP W WHITE HANDLE	25	1	36	
CBB030M	BULLET BREAKER, 30 AMP, MID-TRIP W WHITE HANDLE	30	1	36	
CBB040M	BULLET BREAKER, 40 AMP, MID-TRIP W WHITE HANDLE	40	1	36	
CBB050M	BULLET BREAKER, 50 AMP, MID-TRIP W WHITE HANDLE	50	1	36	
CBB060M	BULLET BREAKER, 60 AMP, MID-TRIP W WHITE HANDLE	60	1	36	
CBB070M	BULLET BREAKER, 70 AMP, MID-TRIP W WHITE HANDLE	70	1	36	
CBB075M	BULLET BREAKER, 75 AMP, MID-TRIP W WHITE HANDLE	75	1	36	
CBB080M	BULLET BREAKER, 80 AMP, MID-TRIP W WHITE HANDLE	80	1	36	
CBB090M	BULLET BREAKER, 90 AMP, MID-TRIP W WHITE HANDLE	90	1	36	
CBB100M	BULLET BREAKER, 100 AMP, MID-TRIP W WHITE HANDLE	100	1	36	
338437	PLUG-IN 125A BULLET BUS STRAP WITH C-FRAME HOUSING	125	1	13	
BBPULR-01	PULLER FOR BULLET BREAKERS	N/A			



1P BULLET BREAKER



338437 BULLET BREAKER STRAP 125A



BBPULR-01

TABLE 4F TPS LIST

PART NUMBER	DESCRIPTION	RATING (A)	NUMBER OF POLES	QTY PER BOX	NOTE
TPSB100	FUSE HOLDER, TPS IN BULLET BKR FORM	1-125	1	10	ALARM ON FUSE CARTRIDGE REMOVAL
302195	TPS HOLDER, CARTRIDGE REMOVED NO ALARM	1-125	1	10	NO ALARM ON FUSE CARTRIDGE REMOVAL
TPS001	FUSE, TPS STYLE, 1 AMP	1	1	10	
TPS002	FUSE, TPS STYLE, 2 AMP	2	1	10	
TPS006	FUSE, TPS STYLE, 6 AMP	6	1	10	
TPS010	FUSE, TPS STYLE, 10 AMP	10	1	10	
TPS015	FUSE, TPS STYLE, 15 AMP	15	1	10	
TPS020	FUSE, TPS STYLE, 20 AMP	20	1	10	
TPS025	FUSE, TPS STYLE, 25 AMP	25	1	10	
TPS030	FUSE, TPS STYLE, 30 AMP	30	1	10	
TPS035	FUSE, TPS STYLE, 35 AMP	35	1	10	
TPS040	FUSE, TPS STYLE, 40 AMP	40	1	10	
TPS050	FUSE, TPS STYLE, 50 AMP	50	1	10	
TPS060	FUSE, TPS STYLE, 60 AMP	60	1	10	
TPS070	FUSE, TPS STYLE, 70 AMP	70	1	10	
TPS100	FUSE, TPS STYLE, 100 AMP	100	1	10	
282625	FUSE, TPS STYLE, 125 AMP	125	1	10	

NOTE:

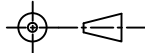
1. EACH TLS/TPS FUSE REQUIRES ONE TLS/TPS FUSE HOLDER
2. THE ALARM FUSE ON TPS/TLS FUSE HOLDER IS GMT0018, WHICH IS INCLUDED IN THE FUSE HOLDER
3. TLS/TPS FUSE HOLDER IS THE SAME SIZE AS A 1-POLE BULLET BREAKER

TABLE 4G GMT FUSE LIST

PART NUMBER	DESCRIPTION	RATING (A)	NOTE
GMT0018	GMT FUSE 60VDC/125VAC 0.18 A	0.18	
0890051703	GMT FUSE 60VDC/125VAC 0.25A	0.25	
233413	GMT FUSE 60VDC/125VAC 0.75A	0.75	
0890051902	GMT FUSE 60VDC/125VAC 1A	1	
0890050103	GMT FUSE 60VDC/125VAC 1.3A	1.3	
GMT0200	GMT FUSE 60VDC/125VAC 2A	2	
GMT0300	GMT FUSE 60VDC/125VAC 3A	3	
0890051602	GMT FUSE 60VDC/125VAC 5A	5	
GMT0700	GMT FUSE 60VDC/125VAC 7A	7	
GMT0750	GMT FUSE 60VDC/125VAC 7.5A	7.5	
GMT1000	GMT FUSE 60VDC/125VAC 10A	10	
236857	GMT FUSE 60VDC/125VAC 12A	12	
0890050903	GMT FUSE 60VDC/125VAC 15A	15	



GMT FUSE



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			DRAWING ISSUE DATE
			SECTION 4.1
			DRAWING NUMBER 2102504

SECTION 4.2 ACCESSORY – SYSTEM ACCESSORIES

TABLE 4H SYSTEM ACCESSORIES		
PART NUMBER	DESCRIPTION	NOTE
276163	COMPACT WALL MOUNT KIT, INCLUDING: – QTY 1 SET OF WALL MOUNT BRACKETS, 19" OR 23" MOUNTING – QTY 1 BATTERY BOX FOR 40AH BATTERY – QTY 3 1' LONG BATTERY INTER CONNECTION CABLE, 4AWG, ¼" SINGLE HOLE LUG ON BOTH ENDS – QTY 1 3' LONG BATTERY CABLE, WHICH INCLUDES HOT AND RETURN, 4AWG, TWO HOLE #10 LUG ON ONE END, SINGLE HOLE ¼" LUG ON THE OTHER END – QTY 1 TPRO5 TEMP PROBE	
322414	ONE SIDE 19" TO 23" EXTENDER 2RU BRACKET KIT	
BR1923	19" TO 23" 2RU ADAPTOR BRACKET KIT	
BAF23	23" SINGLE TOP BAFFLE – 1U	
BAF19	19" SINGLE TOP BAFFLE – 1U	
BRFM	FLUSH TO MID-MOUNT ADAPTOR KIT, 4" OFFSET	
XXBR0325K	TWO, 2U TALL BRACKET TO CONVERT A FLUSH MOUNT TO A 3.25" OFFSET, USED WITH Eltek COMPACT POWER SYSTEMS	
WMB-T	WALL MOUNT BRACKET, TRANSVERSE	

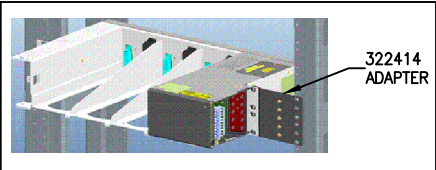
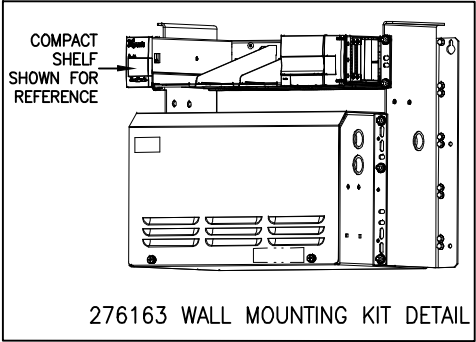
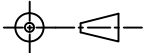


TABLE 4J AC JUMPER KIT		
PART NUMBER	DESCRIPTION	NOTE
MK000000223	COMPACT SHELF INDIVIDUAL TO DUAL CONVERSION KIT CONVERTS REAR WIRE INDIVIDUAL AC FEED SHELF TO DUAL AC FEED RECTIFIER LIMIT: 120VAC V1000A / 208 or 240 V2000A / V1500A / 208 or 240 V1250A / V1000B / V1500B	
281306	COMPACT SHELF DUAL TO SINGLE CONVERSION KIT CONVERTS REAR WIRE DUAL AC FEED SHELF TO SINGLE AC FEED	

TABLE 4K REMOVABLE LVD KIT FOR REPLACEMENT			
PART NUMBER	DESCRIPTION	COMPATIBLE SHELF	NOTE
3799E343540	REMOVABLE 200A LVD KIT FOR CQ56/CQ57/CQ50	CQ56, CQ57 OR CQ50	
3799E274111	REMOVABLE 125A LVD KIT FOR CI56/CI57	CI56 OR CI57	
DU110302006	REMOVABLE 125A LVD KIT FOR CP4/CK3/CK4	CP4, CK3 OR CK4	
XXDU110302007	REMOVABLE 125A LVD KIT FOR CP5/CK5	CK5 OR CP5	
320704	REMOVABLE 200A LVD KIT FOR CC9	CC9	
DU010302028	REMOVABLE 125A LVD KIT FOR CQA/CIA/CD10/CI13	CQA, CIA, CD10 OR CI13	



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		SECTION 4.2
		DRAWING NUMBER 2102504

SECTION 5.0 CUSTOMER REFERENCE DOCUMENTS

TABLE 5 CUSTOMER REFERENCE DOCUMENTS			
NO.	DOCUMENT NO.	DOCUMENT DESCRIPTION	NOTE
1	2052286	ORDERING GUIDE – COMPACT SYSTEMS	
2	370038.033	INSTALLATION GUIDE – COMPACT FRONT WIRE SHELVES	
3	2104892	QUICK START GUIDE – COMPACT FRONT–WIRE SHELVES	
4	2104891	QUICK START GUIDE – COMPACT REAR–WIRE SHELVES (23" SHELF ONLY)	
5	370089.103	QUICK START GUIDE – COMPACT DC REAR WIRE SYSTEMS CIRCUITS 3 & 9	
6	2057388	COMPACT A SHELF I/O MANUAL – D0600000011	
7	2067838	COMPACT C SHELF MANUAL	
8	2083752	COMPACT G SHELF MANUAL	
9	2070149	COMPACT K AND P SHELVES MANUAL	
10	2093975	BC2000 QUICK REFERENCE GUIDE	
11	2055882	BC2000/JC2000 DISPLAY MANUAL	
12	2056625	BC2000/JC2000 WEB INTERFACE MANUAL	
13	2052575	BC2000 CONTROLLER PRODUCT FLYER	
14	2052369	V SERIES RECTIFIERS PRODUCT FLYER	
15	2052368	V SERIES RECTIFIER DATASHEET	
16	2052027	COMPACT DC POWER SYSTEM FLYER	
17	2078464	BULLETIN/NOTICE SHEET – COMPACT AC BUS/JUMPERS CONFIGURATIONS	
18	2094327	BC2000/JC2000 TELNET MANUAL	
19	2045453	BC2000 DIESEL GENERATOR (DGU) FEATURE – APPLICATION NOTE	
20			

NOTE: THE ABOVE DOCUMENTS ARE AVAILABLE ONLINE ELTEK.SHAREFILE.COM

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		CUSTOMER REFERENCE
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