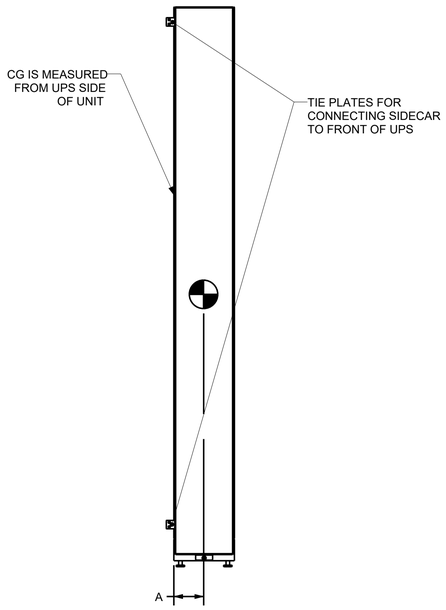
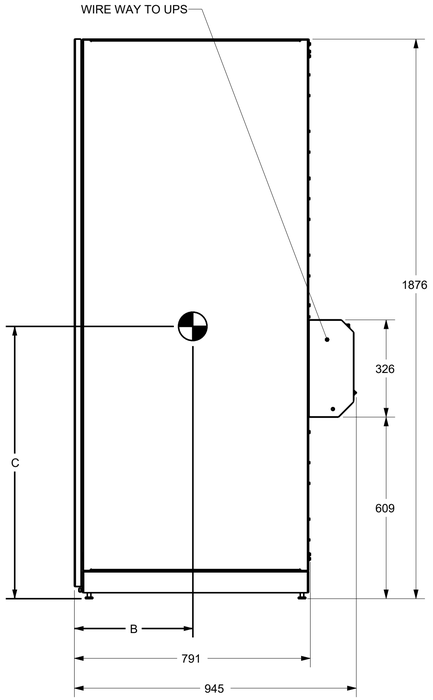
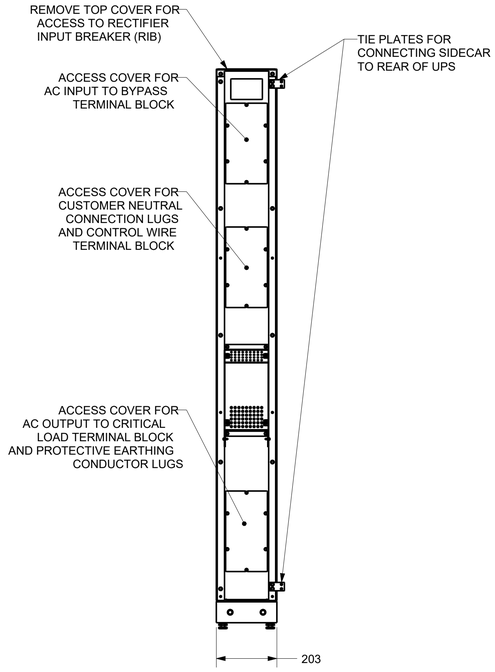


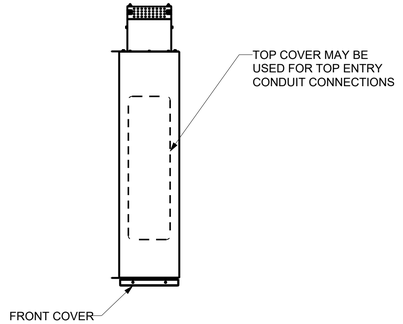
FRONT VIEW



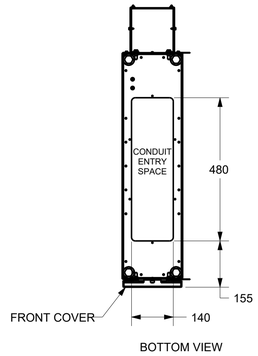
SIDE VIEW



REAR VIEW



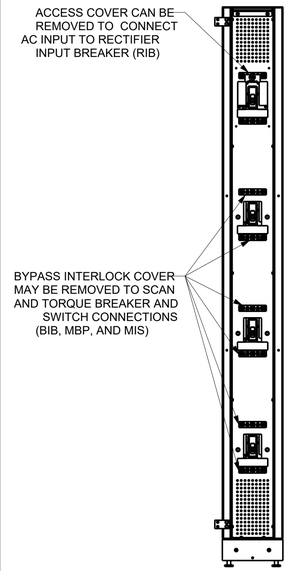
TOP VIEW



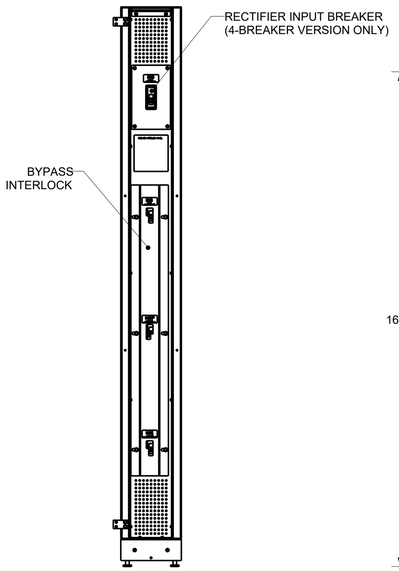
BOTTOM VIEW

INSTALLED WEIGHT AND CENTER OF GRAVITY							
CTO NUMBER	PART NUMBER	CONFIGURATION		A MM [IN.]	B MM [IN.]	C MM [IN.]	WEIGHT KG [LBS.]
9EZHB1010000000	P-103000693-001	RIGHT SIDE MOUNT	3 BREAKER	90 [3.5]	372 [14.7]	950 [37.4]	114.4 [252]
9EZHB2010000000	P-103000693-002		4 BREAKER	90 [3.5]	385 [15.2]	940 [37.0]	126 [277]
9EZHB1020000000	P-103000694-001	LEFT SIDE MOUNT	3 BREAKER	90 [3.5]	372 [14.7]	950 [37.4]	114.4 [252]
9EZHB2020000000	P-103000694-002		4 BREAKER	90 [3.5]	385 [15.2]	940 [37.0]	126 [277]

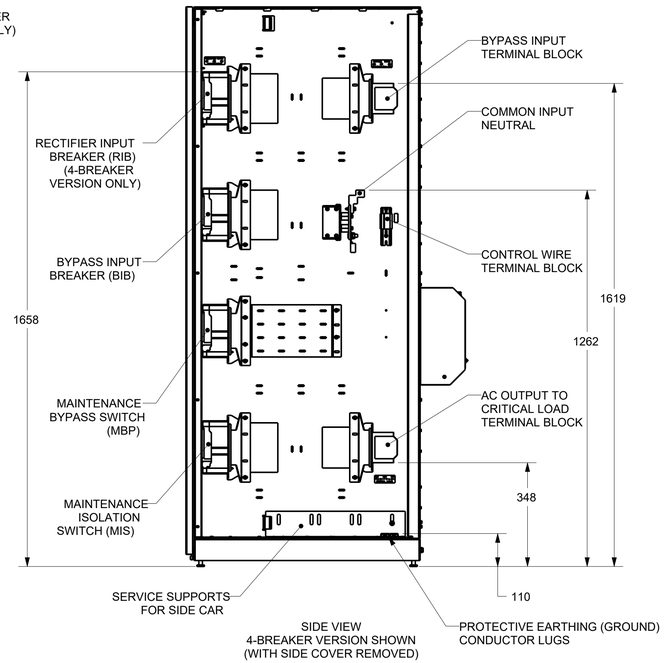
LAYOUTS SHOWN IS FOR A RIGHT SIDE MOUNT SIDE CAR.
THE LEFT SIDE MOUNT SIDE CAR (NOT SHOWN) IS A MIRROR IMAGE.



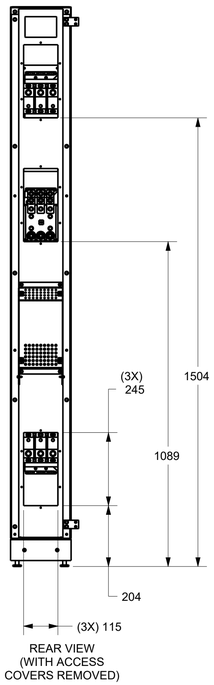
FRONT VIEW
4-BREAKER VERSION SHOWN
(WITH FRONT COVER, RIB ACCESS PLATE, AND BYPASS INTERLOCK PLATE REMOVED)



FRONT VIEW
4-BREAKER VERSION SHOWN
(WITH FRONT COVER REMOVED)



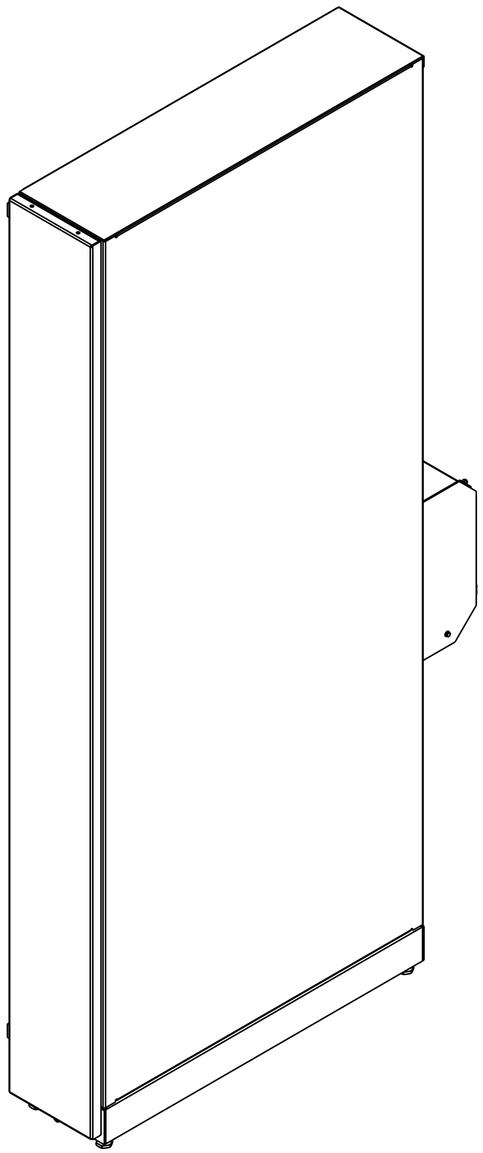
SIDE VIEW
4-BREAKER VERSION SHOWN
(WITH SIDE COVER REMOVED)



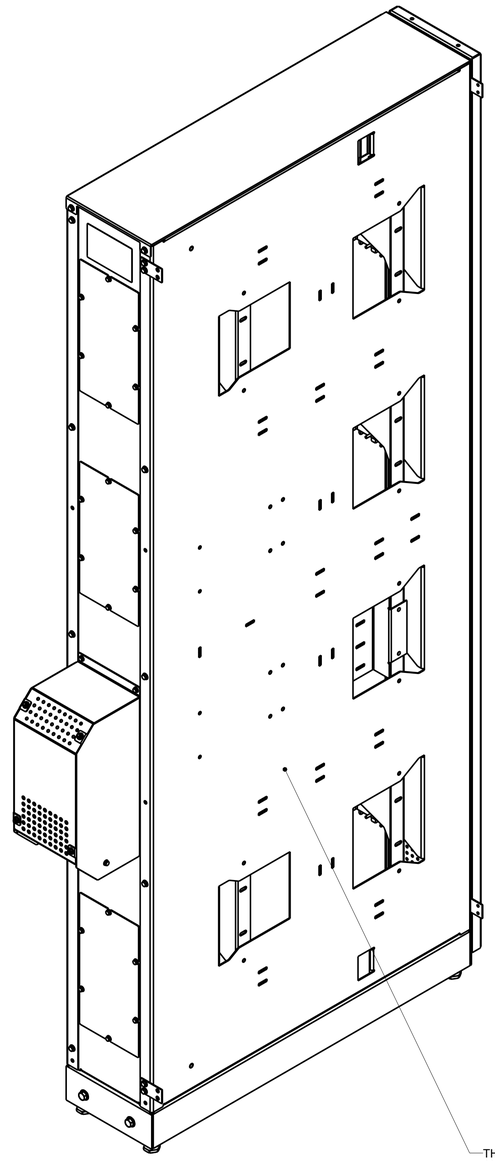
REAR VIEW
(WITH ACCESS COVERS REMOVED)

NOTES:
1 THIS PRODUCT IS TO BE USED WITH THE 93E-40, 93E-60/40, AND 93E-60/60 UPS ONLY.
2 THE RIGHT SIDE MOUNT SIDE CAR MUST BE INSTALLED ON THE RIGHT SIDE OF UPS (FACING FRONT OF UPS). THE LEFT SIDE MOUNT SIDE CAR MUST BE INSTALLED ON THE LEFT SIDE OF THE UPS.
3 THE LAYOUT SHOWN ON THIS DRAWING IS FOR A RIGHT SIDE MOUNT SIDE CAR. THE LEFT SIDE MOUNT SIDE CAR IS A MIRROR IMAGE.
4 THE SYSTEM MUST BE INSTALLED ON A LEVEL FLOOR SURFACE SUITABLE FOR COMPUTER OR ELECTRONIC EQUIPMENT.
5 THE SYSTEM MUST BE INSTALLED IN A TEMPERATURE AND HUMIDITY CONTROLLED INDOOR AREA FREE OF CONDUCTIVE CONTAMINANTS.
6 AMBIENT TEMPERATURE RANGE 0 - 30° C [32 - 86° F]: MAXIMUM RELATIVE HUMIDITY 95% NON-CONDENSING.
7 CUSTOMER WIRING MUST USE 90° C COPPER WIRE ONLY. REFER TO TABLES FOR CUSTOMER WIRING FOR WIRE SIZES.
8 SIDECAR PROVIDES A REMOVABLE BOTTOM ENTRY CONDUIT LANDING PLATE. THE TOP COVER MAY BE USED FOR TOP ENTRY CONDUIT.
9 WEIGHT AND CENTER OF GRAVITY: SEE TABLE.
10 WEIGHT OF THE CABINET DOES NOT INCLUDE CUSTOMER WIRING.
11 MINIMUM 900 MM [36 IN.] FRONT ACCESS AND 900 MM [36 IN.] REAR ACCESS NEEDED FOR SERVICING.
12 THE SIDECAR MUST BE ATTACHED TO THE UPS. THE SIDECAR CANNOT BE USED IN A STAND-ALONE CONFIGURATION.
13 SERVICE SUPPORT BRACKETS MUST BE USED WHEN THE UPS IS SEPARATED FROM THE SIDECAR FOR SERVICE. THE SUPPORT BRACKETS ARE TO BE REMOVED AND STORED IN THE CABINET AFTER THE SIDECAR IS RE-ATTACHED TO THE UPS.
14 ALL WIRING IS TO BE IN ACCORDANCE WITH NATIONAL AND LOCAL ELECTRIC CODES.
15 SOURCE INPUT TO BYPASS CABINET: 3 PHASES, NEUTRAL, GROUND.
OUTPUT FROM BYPASS CABINET: 3 PHASES, NEUTRAL, GROUND.
16 SPECIFICATIONS ARE SUBJECT TO CHANGE.

METRIC	THIRD ANGLE PROJECTION	EATON CORPORATION, ELECTRICAL	SIZE: D
DESCRIPTION: SITE PLAN DRAWING, 93E 60 SIAC-B			
MODIFIED BY: A.SHAH	DATE: 26-JUL-2019	UNLESS OTHERWISE SPECIFIED TOLERANCES ON DIMENSIONS ARE: ANGLES: ±1/2° DECIMALS: 0.X: ±0.75 X. (FOR X < 3): ±1 HOLES: ∅±0.13 0.XX: ±0.25 X. (FOR X > 3): ±2.5 DIMENSIONS ARE IN MILLIMETERS [INCHES] AND AFTER PLATING	SCALE: 1:10 DO NOT SCALE DRAWING OR CHANGE MANUALLY
ECO: ECO-139910	STATE: RELEASE		
PRO-ENGINEER GENERATED	PART NAME: P-110000208	REVISION: 03	SHEET: 1 OF 3



ISO VIEW
RIGHT FRONT
RIGHT SIDE MOUNT SIDE CAR SHOWN
SCALE 1:5



THIS PANEL IS UN-PAINTED
AND MUST BE PLACED AGAINST UPS

ISO VIEW
LEFT REAR
RIGHT SIDE MOUNT SIDE CAR SHOWN
SCALE 1:5

PRODUCT SPECIFICATIONS							
BYPASS CABINET RATING		AC INPUT VOLTAGE	AC OUTPUT VOLTAGE	RECTIFIER AC INPUT CURRENT	INVERTER AC OUTPUT CURRENT	BYPASS AC INPUT VOLTAGE	BYPASS AC INPUT CURRENT
KVA	CONFIGURATION	VAC	VAC	AMP	AMP	VAC	AMP
60	3-BREAKER	208Y/120	208Y/120	185	167	N/A	N/A
60	4-BREAKER	208Y/120	208Y/120	185	167	208Y/120	167

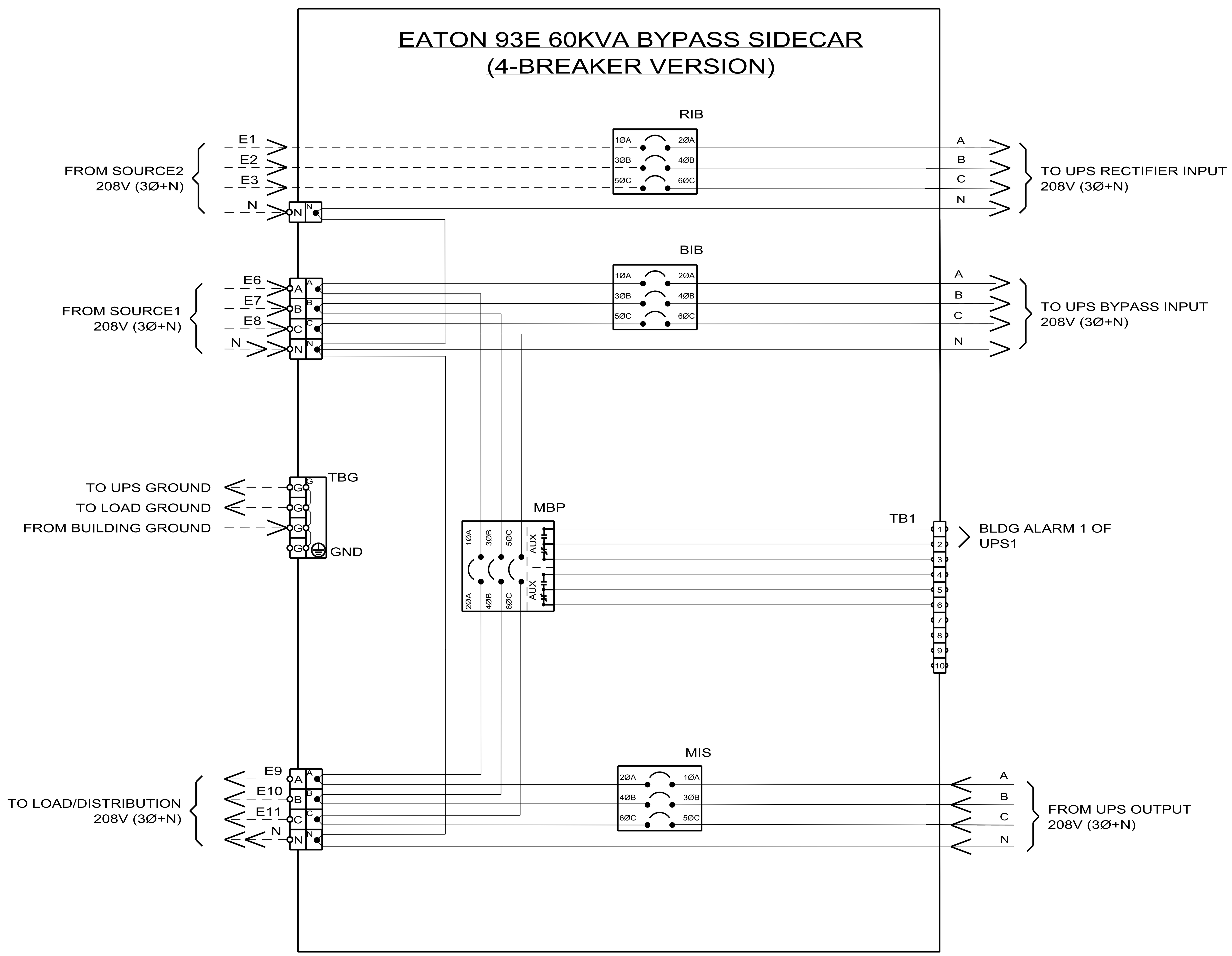
NOTE: FOR THE 3-BREAKER SIDE CAR APPLICATIONS, UPS RECTIFIER AC INPUT AND UPS BYPASS AC INPUT ARE INTERNALLY JUMPERED AT THE UPS.

CUSTOMER WIRING (3 BREAKER CONFIGURATION)					
WIRES		ACCEPTED WIRE RANGE	TORQUE RATING * N*m (LB.*In)	SCREW SIZE AND TYPE	RECOMMENDED MINIMUM WIRE SIZE ** (QTY) & WIRE SIZE
AC INPUT (BIB)	PHASE WIRES	6 AWG TO 500 MCM	56.5 (500)	1/2" HEX SOCKET	(1) 250 MCM
	NEUTRAL	6 AWG TO 300 MCM	31.0 (275)	5/16" HEX SOCKET	(1) 250 MCM
	PROTECTIVE EARTHING (GROUND)	14 AWG TO 1/0	5.6 (50)	SLOTTED SCREW	(1) 2 AWG
AC OUTPUT TO CRITICAL LOAD	PHASE WIRES	6 AWG TO 500 MCM	56.5 (500)	1/2" HEX SOCKET	(1) 250 MCM
	NEUTRAL	6 AWG TO 300 MCM	31.0 (275)	5/16" HEX SOCKET	(1) 250 MCM
	PROTECTIVE EARTHING (GROUND)	14 AWG TO 1/0	5.6 (50)	SLOTTED SCREW	(1) 2 AWG

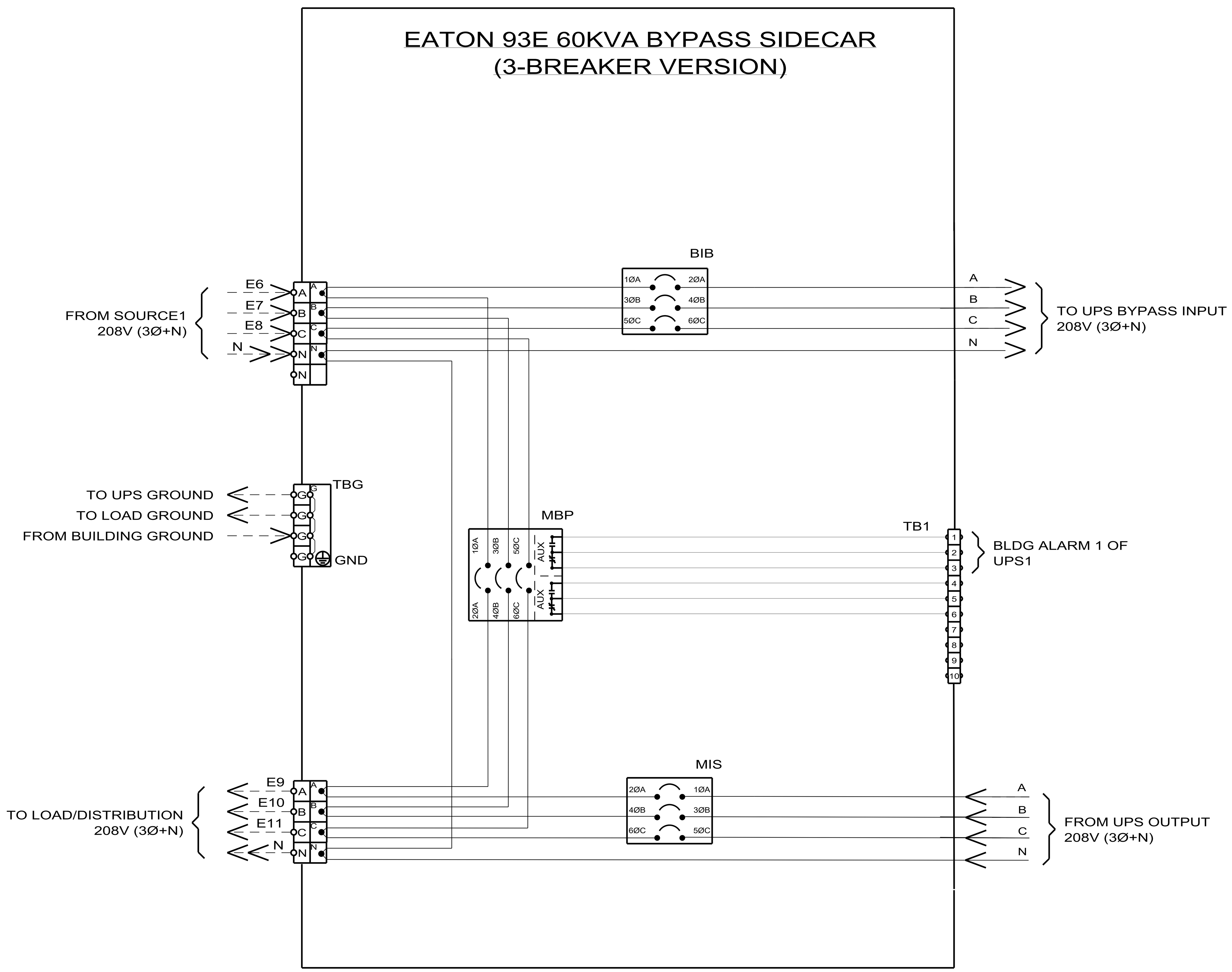
* REFER TO UPS MANUAL FOR TORQUE CONNECTIONS TO UPS
** USE 90° C COPPER CONDUCTOR WIRE ONLY

CUSTOMER WIRING (4 BREAKER CONFIGURATION)					
WIRES		ACCEPTED WIRE RANGE	TORQUE RATING * N*m (LB.*In)	SCREW SIZE AND TYPE	RECOMMENDED MINIMUM WIRE SIZE ** (QTY) & WIRE SIZE
RECTIFIER INPUT (RIB)	PHASE WIRES	4 AWG TO 350 MCM	20 (177)	5/16" HEX SOCKET	(1) 250 MCM
	NEUTRAL	6 AWG TO 300 MCM	31.0 (275)	5/16" HEX SOCKET	(1) 250 MCM
	PROTECTIVE EARTHING (GROUND)	14 AWG TO 1/0	5.6 (50)	SLOTTED SCREW	(1) 2 AWG
BYPASS INPUT (BIB)	PHASE WIRES	6 AWG TO 500 MCM	56.5 (500)	1/2" HEX SOCKET	(1) 250 MCM
	NEUTRAL	6 AWG TO 300 MCM	31.0 (275)	5/16" HEX SOCKET	(1) 250 MCM
	PROTECTIVE EARTHING (GROUND)	14 AWG TO 1/0	5.6 (50)	SLOTTED SCREW	(1) 2 AWG
AC OUTPUT TO CRITICAL LOAD	PHASE WIRES	6 AWG TO 500 MCM	56.5 (500)	1/2" HEX SOCKET	(1) 250 MCM
	NEUTRAL	6 AWG TO 300 MCM	31.0 (275)	5/16" HEX SOCKET	(1) 250 MCM
	PROTECTIVE EARTHING (GROUND)	14 AWG TO 1/0	5.6 (50)	SLOTTED SCREW	(1) 2 AWG

METRIC	THIRD ANGLE PROJECTION	EATON CORPORATION, ELECTRICAL	SIZE: D
DESCRIPTION: SITE PLAN DRAWING, 93E 60 SIAC-B			
MODIFIED BY: A.SHAH	DATE: 26-JUL-2019	UNLESS OTHERWISE SPECIFIED TOLERANCES ON DIMENSIONS ARE: ANGLES: ±½° DECIMALS: 0.X: ±0.75 X. (FOR X < 3): ±1 HOLES: Ø ±0.13 0.XX: ±0.25 X. (FOR X > 3): ±2.5 DIMENSIONS ARE IN MILLIMETERS [INCHES] AND AFTER PLATING	SCALE: 2:25 DO NOT SCALE DRAWING OR CHANGE MANUALLY
ECO: ECO-139910	STATE: RELEASE		
PRO-ENGINEER GENERATED		PART NAME: P-110000208 REVISION: 03	SHEET: 2 OF 3



RIB: RECTIFIER INPUT BREAKER
BIB: BYPASS INPUT BREAKER
MBP: MAINTENANCE BYPASS BREAKER
MIS: MAINTENANCE ISOLATION BREAKER



BIB: BYPASS INPUT BREAKER
MBP: MAINTENANCE BYPASS BREAKER
MIS: MAINTENANCE ISOLATION BREAKER

LEGEND	
FACTORY WIRING	————————
CUSTOMER WIRING	– – – – – – – –

METRIC	THIRD ANGLE PROJECTION	EATON CORPORATION, ELECTRICAL	SIZE: D
DESCRIPTION: SITE PLAN DRAWING, 93E 60 SIAC-B			
MODIFIED BY: A.SHAH	DATE: 26-JUL-2019	UNLESS OTHERWISE SPECIFIED TOLERANCES ON DIMENSIONS ARE: ANGLES: ±1/2° DECIMALS: 0,X: ±0,75 X, (FOR X < 3): ±1 HOLES: Ø±0,13 0,XX: ±0,25 X, (FOR X > 3): ±2,5 DIMENSIONS ARE IN MILLIMETERS [INCHES] AND AFTER PLATING	SCALE: 13:100 DO NOT SCALE DRAWING OR CHANGE MANUALLY
ECO: ECO-139910	STATE: RELEASE		
PRO-ENGINEER GENERATED		PART NAME: P-110000208 REVISION: 03	SHEET: 3 OF: 3