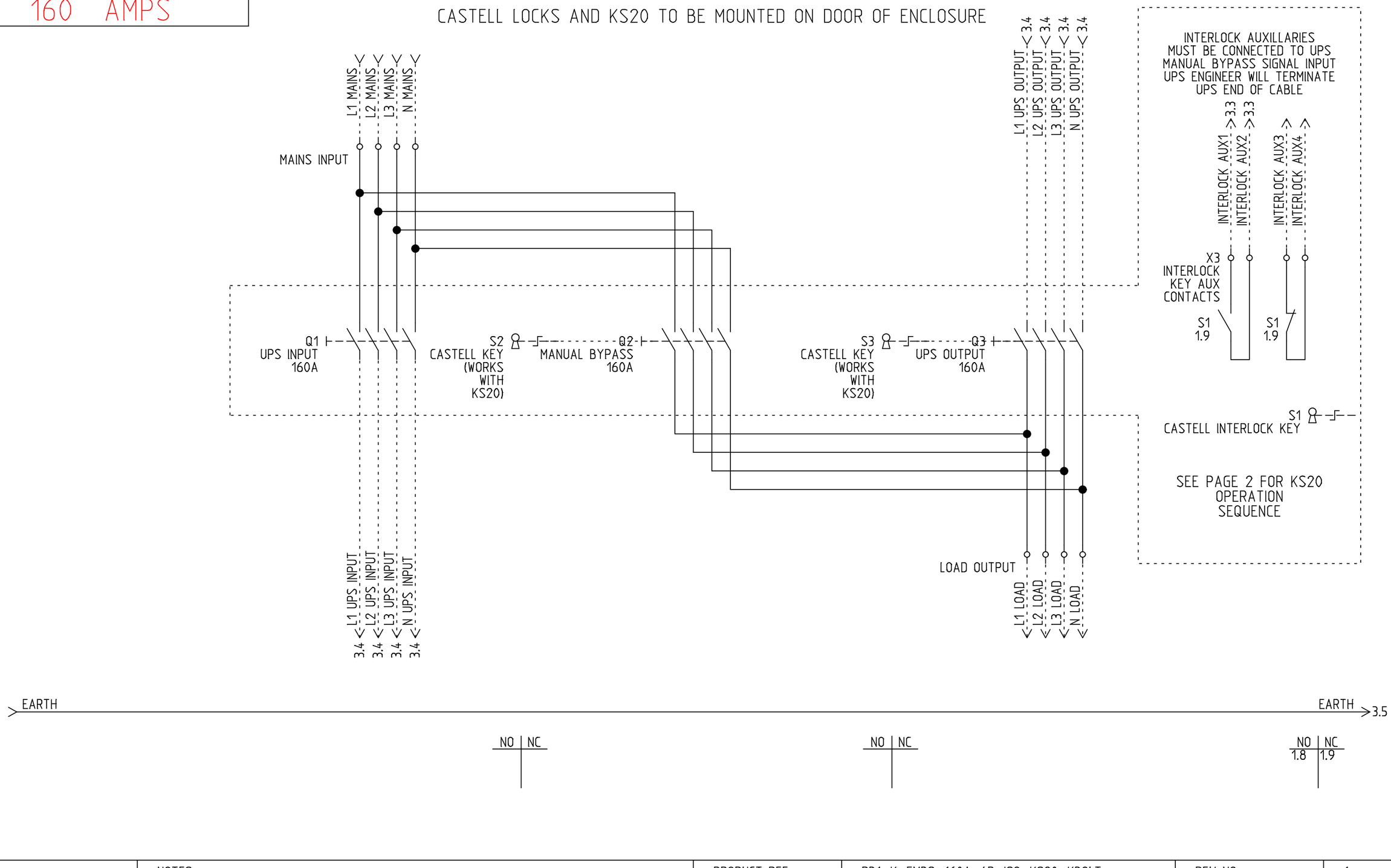
MAX PANEL SUPPLY PROTECTIVE DEVICE RATING:

160 AMPS

CASTELL LOCKS AND KS20 TO BE MOUNTED ON DOOR OF ENCLOSURE



NOTES:

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2) PLEASE REFER TO UPS PRODUCT MANUALS FOR ADDITIONAL INFORMATION
3) ALL DIMENSIONS IN MM UNLESS OTHERWISE SPECIFIED
4) 4 – CORE SHIELDED SIGNAL CABLE MUST BE RUN FROM EMBS TO EACH UPS UNIT
5) ALL DASHED LINES EXTERNAL TO BYPASS PANEL

PRODUCT REF:	RB1–K–EMBS–160A–4P–ISO–KS20–KBOLT	REV NO:	1
DOCUMENT NUMBER:	RBECAD00736	CREATION DATE:	29/04/2016
PAGE DESCRIPTION:	MAIN SWITCH'S	REV DATE:	14/08/2020
PROJECT NO:	SUBMITTAL DRAWING	DRAWN BY:	R BARNES
PAGE TEMPLATE REF:	RBQS00075REV2	CHECKED BY:	L RICHARDSON
PRODUCT WEIGHT:	NA–KG	SHEET NUMBER:	1 OF 4

CASTELL KS20 SWITCHING SEQUENCE

CASTELL LOCKS AND KS20 TO BE MOUNTED ON DOOR OF ENCLOSURE

1) UPS UNIT IN NORMAL OPERATION INVERTER RUNNING

—CASTELL KEY TRAPPED

2) UPS UNIT SWITCHED TO STATIC THROUGH DISPLAY

—NOW TURN CASTELL KEY

3) CASTELL KEY (S1) TURNED AND REMOVED

—S1 AUX CONTACTS SEND SIGNAL BACK TO UPS TO LOCK IT IN STATIC BYPASS

4) CASTELL KEY CAN NOW BE INSERTED IN MANUAL BYPASS LOCK + TURNED

5) MANUAL BYPASS SWITCH CAN NOW BE TURNED ON

6) UPS OUTPUT SWITCH CAN NOW BE TURNED OFF

7) CASTELL KEY IN UPS OUTPUT LOCK CAN NOW BE TURNED + REMOVED

8) UPS OUTPUT CASTELL KEY CAN BE INSERTED IN KS20 + TURNED.

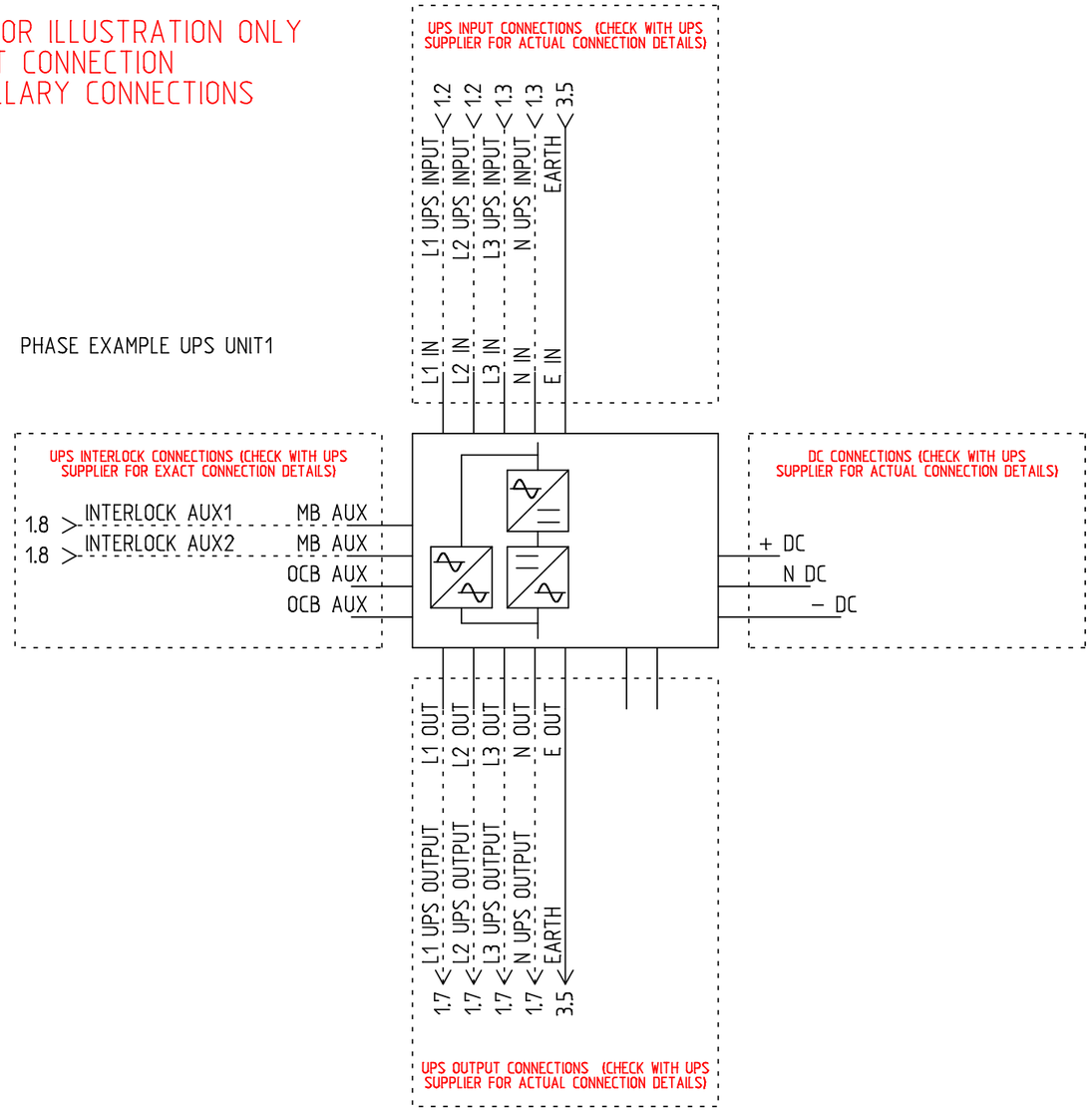
9) UPS UNIT INVERTER CAN NOW BE RE—STARTED FOR SERVICE WORK. LOAD ON MAINS.

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PRODUCT REF:	RB1—K—EMBS—160A—4P—ISO—KS20—KBOLT	REV NO:	1
DOCUMENT NUMBER:	RBECAD00736	CREATION DATE:	04/12/2017
PAGE DESCRIPTION:	KS20	REV DATE:	14/08/2020
PROJECT NO:	SUBMITTAL DRAWING	DRAWN BY:	R BARNES
PAGE TEMPLATE REF:	RBQS00078REV2	CHECKED BY:	L RICHARDSON
PRODUCT WEIGHT:	NA—KG	SHEET NUMBER:	2 OF 4

EXAMPLE UPS UNIT CONNECTION DIAGRAM FOR ILLUSTRATION ONLY CHECK WITH UPS UNIT SUPPLIER FOR EXACT CONNECTION CONFIGURATION FOR THE AC, DC AND AUXILLARY CONNECTIONS

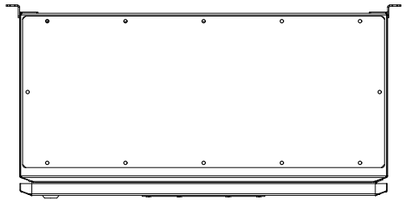


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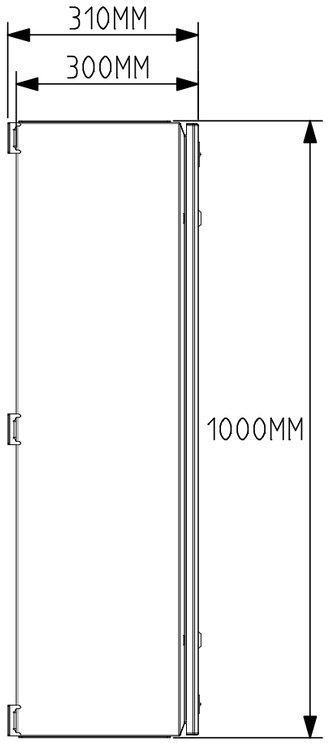
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DOCUMENT NUMBER:	RBECAD00736	CREATION DATE:	25/05/2016
PAGE DESCRIPTION:	UPS UNIT	REV DATE:	14/08/2020
PROJECT NO:	SUBMITTAL DRAWING	DRAWN BY:	R BARNES
PAGE TEMPLATE REF:	RBQS00078REV2	CHECKED BY:	L RICHARDSON
PRODUCT WEIGHT:	NA–KG	SHEET NUMBER:	3 OF 4

TOP VIEW:

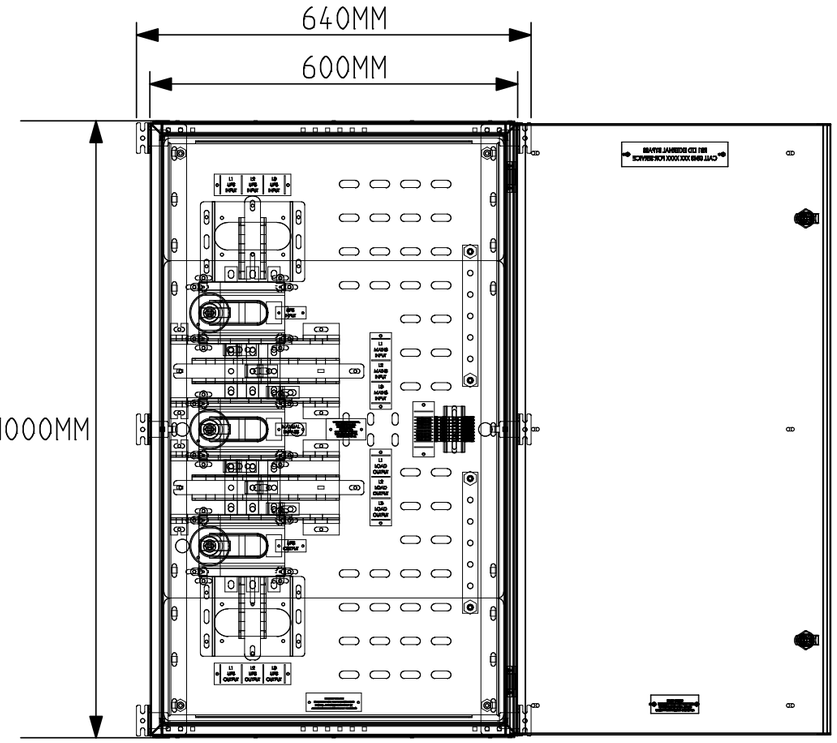


MECHANICAL LAYOUT

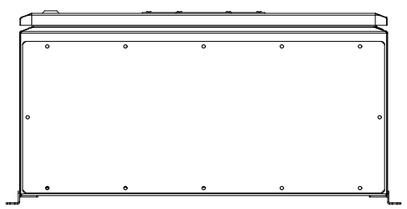
LEFT VIEW:



FRONT VIEW:



BOTTOM VIEW:



TERMINATION DETAILS:

MAINS INPUT: 8MM BOLT ON BUSBAR (ACCESS TOP/BOTTOM)
LOAD OUTPUT: 8MM BOLT ON BUSBAR (ACCESS TOP/BOTTOM)
NEUTRAL: 8MM BOLT ON BUSBAR (ACCESS TOP/BOTTOM)
ALL EARTH: 8MM BOLT ON BUSBAR (ACCESS TOP/BOTTOM)
UPS IN: TOP SWITCH 8MM BOLT (ACCESS TOP/BOTTOM)
UPS OUT: BOTTOM SWITCH 8MM BOLT (ACCESS TOP/BOTTOM)

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DOCUMENT NUMBER:	RBECAD00736	CREATION DATE:	29/04/2016
PAGE DESCRIPTION:	MECHANICAL LAYOUT	REV DATE:	14/08/2020
PROJECT NO:	SUBMITTAL DRAWING	DRAWN BY:	R BARNES
PAGE TEMPLATE REF:	RBQS00078REV2	CHECKED BY:	L RICHARDSON
PRODUCT WEIGHT:	NA–KG	SHEET NUMBER:	4 OF 4