

EXTERNAL MBS 20kW WITH BYPASS AND RECTIFIER INPUT BREAKER

Product number: P-105000044-004

METRIC



EATON CORPORATION

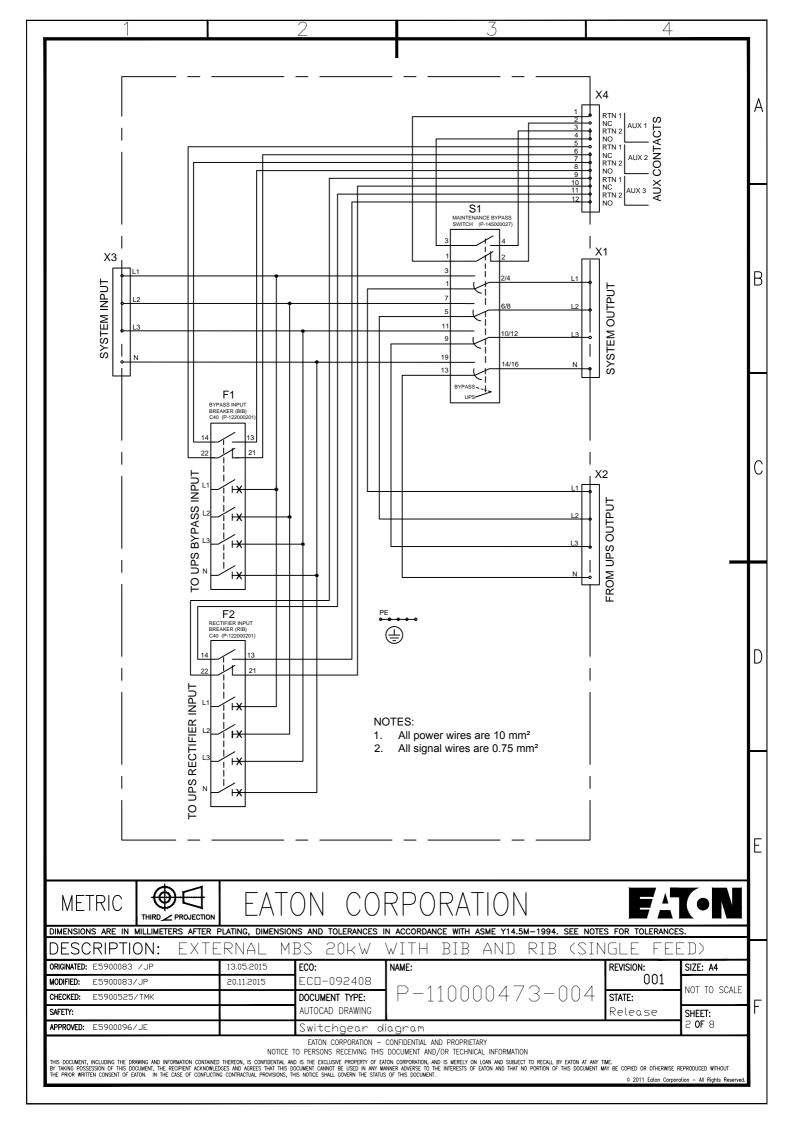
DESCRIPTION: FXTERNAL MBS 20kW WITH BIB AND RIB (SINGLE FEED)

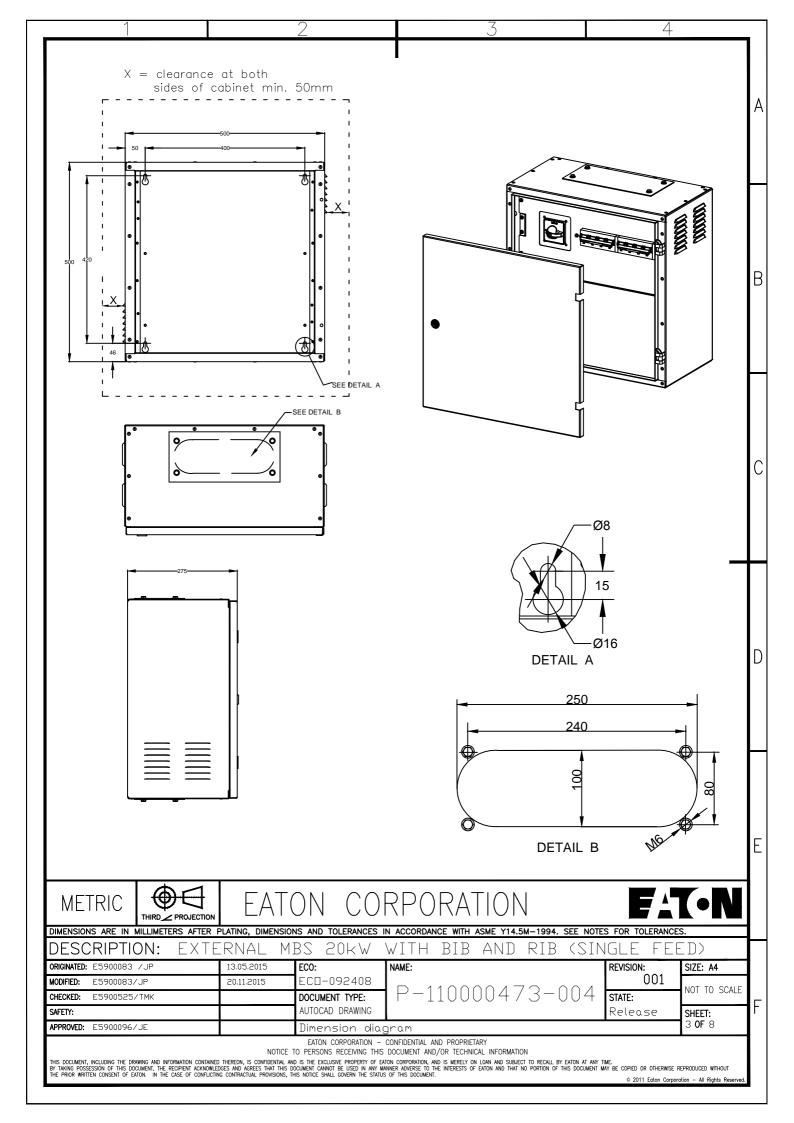
22001111 110111 2711 2711 2712 1711 271						
ORIGINATED:	: E5900083 /JP	13.05.2015	ECO:	NAME:		SIZE: A4
MODIFIED:	E5900083/JP	20.11.2015	ECU-092408		001	NOT TO SCALE
CHECKED:	E5900525/TMK		DOCUMENT TYPE:	P-1100004/3-004	STATE:	NOT TO SCALE
SAFETY:			AUTOCAD DRAWING		Release	SHEET:
APPROVED:	E5900096/JE		Common sheet			1 0F 8

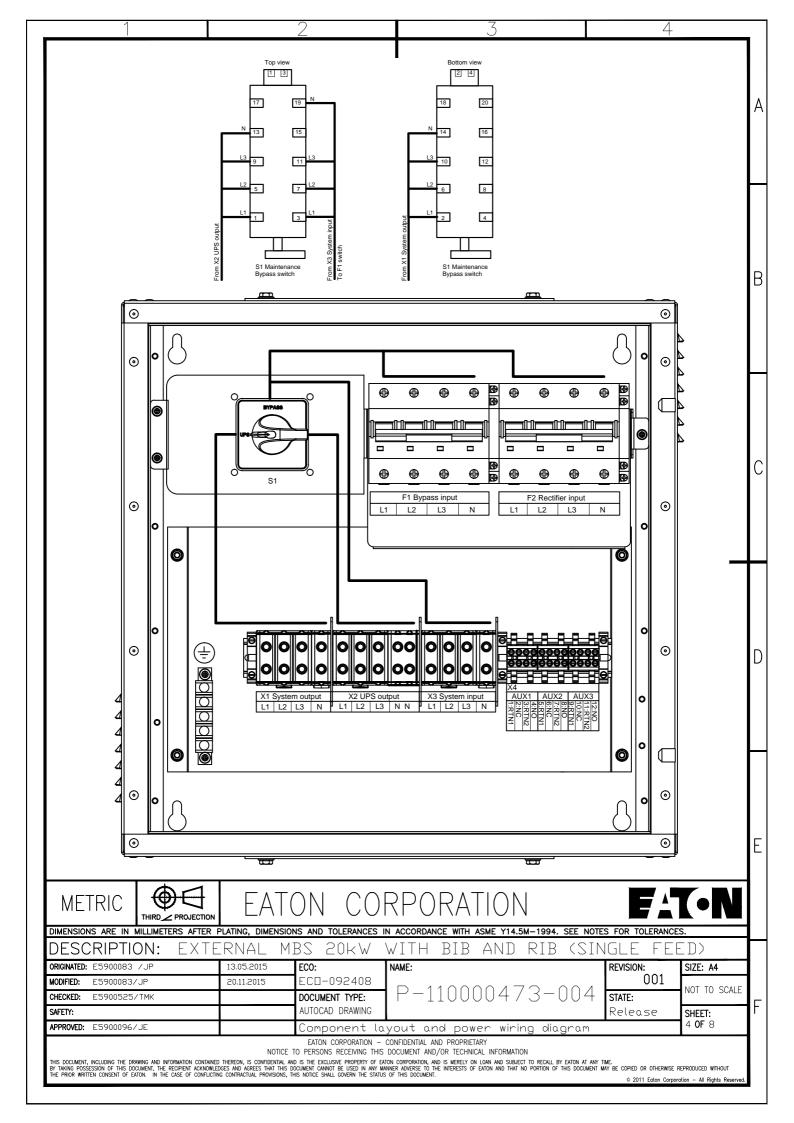
FATON CORPORATION - CONFIDENTIAL AND PROPRIETARY NOTICE TO PERSONS RECEIVING THIS DOCUMENT AND/OR TECHNICAL INFORMATION

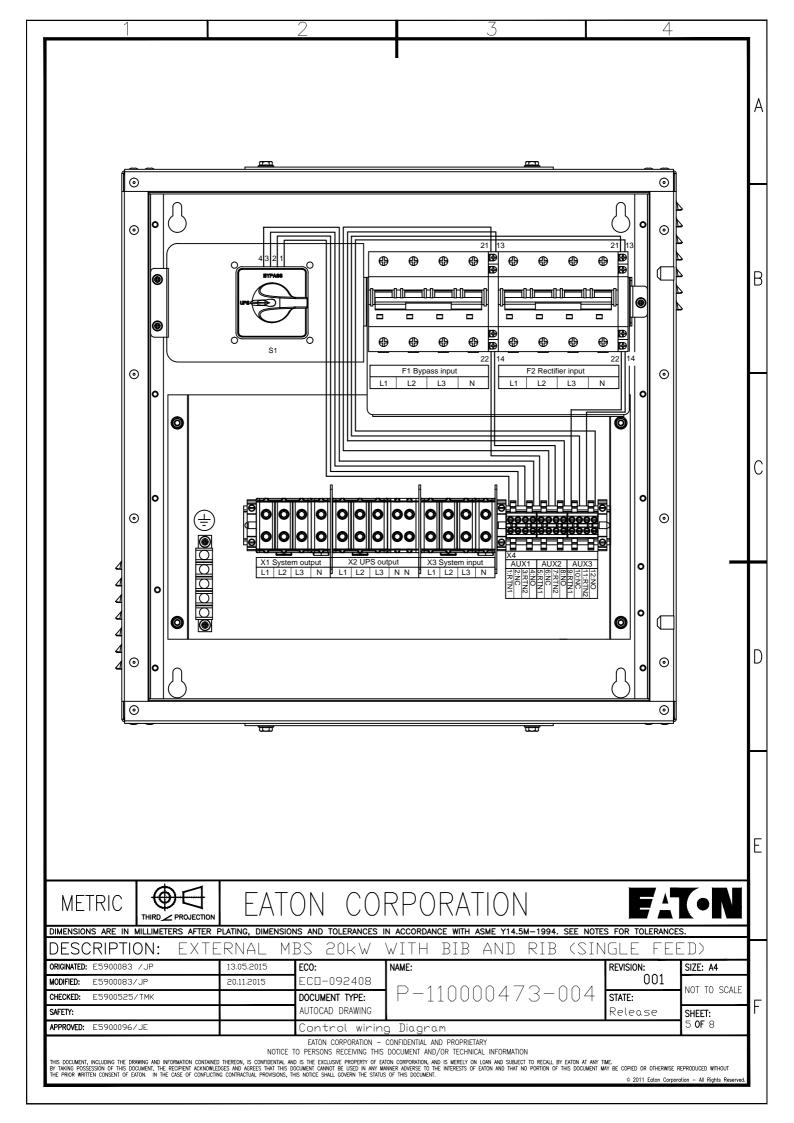
THIS DOCUMENT, INCLIDING THE DRAWING AND INFORMATION CONTAINED THEREON, IS CONDIDENTIAL AND IS THE EXCLUSIVE PROPERTY OF EATON CORPORATION, AND IS MERELY ON LOAN AND SUBJECT TO RECALL BY EATON AT ANY TIME.

Y TAKING POSSESSION OF THIS DOCUMENT, THE RECIPIENT ACKNOWLEDGES AND AGREES THAT THIS DOCUMENT THIS DOCUMENT ANY MAINTER AVERSE TO THE INTERESTS OF EATON AND THAT NO PORTION OF THIS DOCUMENT MAY BE COPIED OR OTHERWISE REPRODUCED WITHOUT PROPERTY OF THIS DOCUMENT.



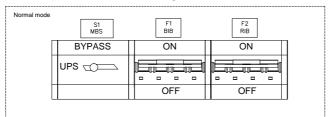




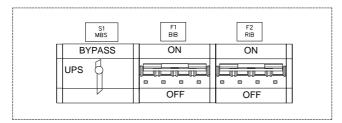


		\cup		ı
A TECHNICAL SPECIFICA STANDARD IEC/EN 61439-2 MAINS TN-S, 5W/3P+N+PE, 1. Nominal Voltage 2. Nominal Current 3. Maximum Current 4. Nominal Frequency	380/400/415VAC 3~ U _n 380/400/415 V I _{nA} 30/29/28 A I _{max} 36 A fn 50/60 Hz	TYPE PLATE, SAM 80 EXT NBS 20kW WITH BIB AND RIB (SF) PART Nr: P-105000044-004	PLE Rev: 003	Α
5. Operating Temperature 6. Current capability Thermal Dynamical 7. Power dissipation 8. Electrical Wiring AC	T max +40 °C loc 10 kA *) lpk = kA P = W L1 X L2 X L3 X N X PE X PEN □	SERIAL Nr: 2761000100 MAINS: TN-S CLASS: IP2 Un: 380/400/415V WEIGHT: 25kg InA: 30 /29 /28A fn: 50/60Hz Icc: 10kA IEC61439-2 Made in	2 88 2 82 3 83 4 84 8 84 8 84 8 84 8 84 8 84 8 84	E
CONSTRUCTION OF S	<u>1</u> 🗵	Note !		
Outfield location Interior location 2. Installation Surficial Wall mounting Floor mounting 3. Additional door Lock—up	X X X C X C	 Back—up fuse required for system inpute. For external wiring use wire with temperatures. 4. 5. 		С
4. Color Common color RAL70 Custom color Eator 5. Cabling entry Top entry Bottom entry Conduit flange of cat 6. Material specification Cable material 90°C, Cable U/Vo 450/	dwg X X X X X X X X X			
Cover material Other demand 7. Handle location				D
C CUSTOMER ELECTRICAL INFOR 1. MAINS	TN-C-S □			
2. LOAD POWER	TN−S			E
METRIC THIRD PROJECTION DIMENSIONS ARE IN MILLIMETERS AFTER F		ORPORATION NCES IN ACCORDANCE WITH ASME Y14.5M-1994. SEE NOT	ES FOR TOLERANCES.	
DESCRIPTION: EXTE ORIGINATED: E5900083 / JP MODIFIED: E5900083 / JP CHECKED: E5900525 / TMK SAFETY:	RNAL MBS 20k 13.05.2015	W WITH BIB AND RIB (SIN NAME: OB P-110000473-004	REVISION: O01 STATE: Release SHEET:	F
APPROVED: E5900096/JE THIS DOCUMENT, INCLUDING THE DRAWING AND INFORMATION CONTAINED BY TAKING POSSESSION OF THIS DOCUMENT, THE RECIPIENT ACKNOWLED THE PRIOR WRITTEN CONSENT OF EATON. IN THE CASE OF CONTLICTIN	EATON CORPORA NOTICE TO PERSONS RECEIVI THEREON, IS CONFIDENTIAL AND IS THE EXCLUSIVE PROPRE GES AND AGREES THAT THIS DOCUMENT CANNOT BE USED	INFORMATION ATION — CONFIDENTIAL AND PROPRIETARY ING THIS DOCUMENT AND/OR TECHNICAL INFORMATION ERRY OF EATON CORPORATION, AND IS MERELY ON LOAN AND SUBJECT TO RECALL BY EATON AT ANY IN ANY MANNER ADVERSE TO THE INTERESTS OF EATON AND THAT NO PORTION OF THIS DOCUMENT THE STATUS OF THIS DOCUMENT.	TIME. MAY BE COPIED OR OTHERWISE REPRODUCED WITHOUT © 2011 Exton Corporation – All Rights Reserved.	

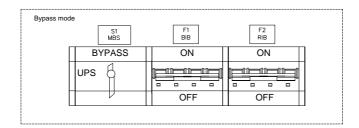
1. The start position is following:



- 2. Use UPS display to turn the UPS on internal static bypass mode. Remember to verify the transfer before proceeding the next step.
- 3. Turn the MBS (S1) to bypass position to bypass UPS:



- Use UPS display to turn UPS OFF. 4.
- Turn the UPS Battery Breaker (CB1) if not automatically tripped 5. and UPS Rectifier Input Switch (S1) to OFF position.
- 6. Turn OFF the BIB (F1)and RIB (F2) to disconnect UPS from bypass and rectifier input.



METRIC



CORPORATION



В

DIMENSIONS ARE IN MILLIMETERS AFTER PLATING, DIMENSIONS AND TOLERANCES IN ACCORDANCE WITH ASME Y14.5M-1994. SEE NOTES FOR TOLERANCES

DESCRIPTION: EXTERNAL MBS 20kW WITH BIB AND RIB (SINGLE

ORIGINATED: E5900083 /JP	13.05.2015	ECO:	NAME:	REVISION:	SIZE: A4	
MODIFIED: E5900083/JP	20.11.2015	ECD-092408		001	NOT TO SCALE	
CHECKED: E5900525/TMK		DOCUMENT TYPE:	P-1100004/3-004	STATE:	NOT TO SCALE	
SAFETY:		AUTOCAD DRAWING		Release	SHEET:	
APPROVED: E5900096/JE		Operating Instructions			7 0F 8	
FITALL CORPORATION AND PROPERTY. AND PROPERTY.						

EATON CORPORATION - CONFIDENTIAL AND PROPRIETARY

NOTICE TO PERSONS RECEIVING THIS DOCUMENT AND/OR TECHNICAL INFORMATION

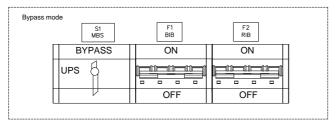
THIS DOCUMENT, INCLUDING THE DRAWING AND INFORMATION CONTAINED THEREON, IS CONFIDENTIAL AND IS THE EXCLUSIVE PROPERTY OF EATON CORPORATION, AND IS MERELY ON LOAN AND SUBJECT TO RECALL BY EATON AT ANY TIME.

Y TAKING POSSESSION OF THIS DOCUMENT, THE RECIPIENT ACKNOWLEDGES AND AGREES THAT THIS DOCUMENT (ANNOT BE USED IN ANY MANNER ADVERSE TO THE INTERESTS OF EATON AND THAT NO PORTION OF THIS DOCUMENT MAY BE COPIED OR OTHERWISE REPRODUCED WITHOUT

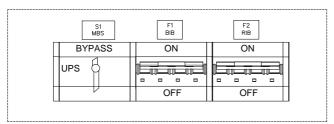
HE PROTOR WRITERION ONSETHO E STATION. IN THE CASE OF CONNECTIONS CONTRACTURE PROVISIONS, THIS NOTICE SHALL COVERN THE STATION OF THIS DOCUMENT.

Turn UPS from MECHANICAL BYPASS to NORMAL MODE

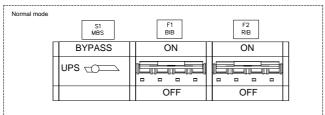
1. The start position is following:



2. Turn ON the BIB (F1) and RIB (F2) to connect Bypass and rectifier input to UPS:



- 3. Turn the UPS Battery Breaker (CB1) and UPS Rectifier Input Switch (S1) to ON position.
- 4. Use UPS display to transfer the UPS to static bypass and give "Start Module" command to start the UPS(s) to "ready "-state.
 - -Make sure the UPS is not displaying any alarms or notices.
 - -You may verify the output voltage from the meters screen of the display.
- 5. Turn the MBS (S1) to UPS position to switch the output to UPS:



6. Use UPS display to transfer the UPS to normal mode (Give "Go Online"- command in the "Controls"-menu). Verify the UPS is running in "Normal"-mode, green LED is lit, status is displayed "Online" and no alarms are present.

METRIC



EATON CORPORATION



В

MENSIONS ARE IN MILLIMETERS AFTER PLATING, DIMENSIONS AND TOLERANCES IN ACCORDANCE WITH ASME Y14.5M-1994. SEE NOTES FOR TOLERANCES.

description: external mbs 20kw with bib and rib (single feed)

ORIGINATED: E5900083 /JP	13.05.2015	ECO:	NAME:	REVISION:	SIZE: A4	
MODIFIED: E5900083/JP	20.11.2015	ECD-092408		001	NOT TO SCALE	
CHECKED: E5900525/TMK		DOCUMENT TYPE:	P-1100004/3-004	STATE:	NOT TO SCALE	
SAFETY:		AUTOCAD DRAWING		Release	SHEET:	
APPROVED: E5900096/JE		Operating Instructions			8 0F 8	

EATON CORPORATION - CONFIDENTIAL AND PROPRIETARY

NOTICE TO PERSONS RECEIVING THIS DOCUMENT AND/OR TECHNICAL INFORMATION

THIS DOCUMENT, INCLIDING THE DRAWING AND INFORMATION CONTAINED THEREON, IS CONFIDENTIAL AND IS THE EXCLUSIVE PROPERTY OF EATON CORPORATION, AND IS MERELY ON LOAN AND SUBJECT TO RECALL BY EATON AT ANY TIME.
BY TAKING POSSESSION OF THIS DOCUMENT, THE RECIPIENT ACKNOWLEDGES AND AGREES THAT THIS DOCUMENT HIS DOCUMENT ANY MANNERS ADVERSE TO THE INTERESTS OF EATON AND THAT NO PORTION OF THIS DOCUMENT MAY BE COPIED OR OTHERWISE REPRODUCED WITHOUT THE PROPERTY OF THIS DOCUMENT. THIS DOCUMENT THAT STATUS OF THIS DOCUMENT.