

## EXTERNAL MBS 40kW WITH BYPASS AND RECTIFIER INPUT BREAKER

Product number: P-105000045-004

**METRIC** 



EATON CORPORATION

DESCRIPTION: FXTERNAL MBS 40kW WITH BIB AND RIB (SINGLE FEED)

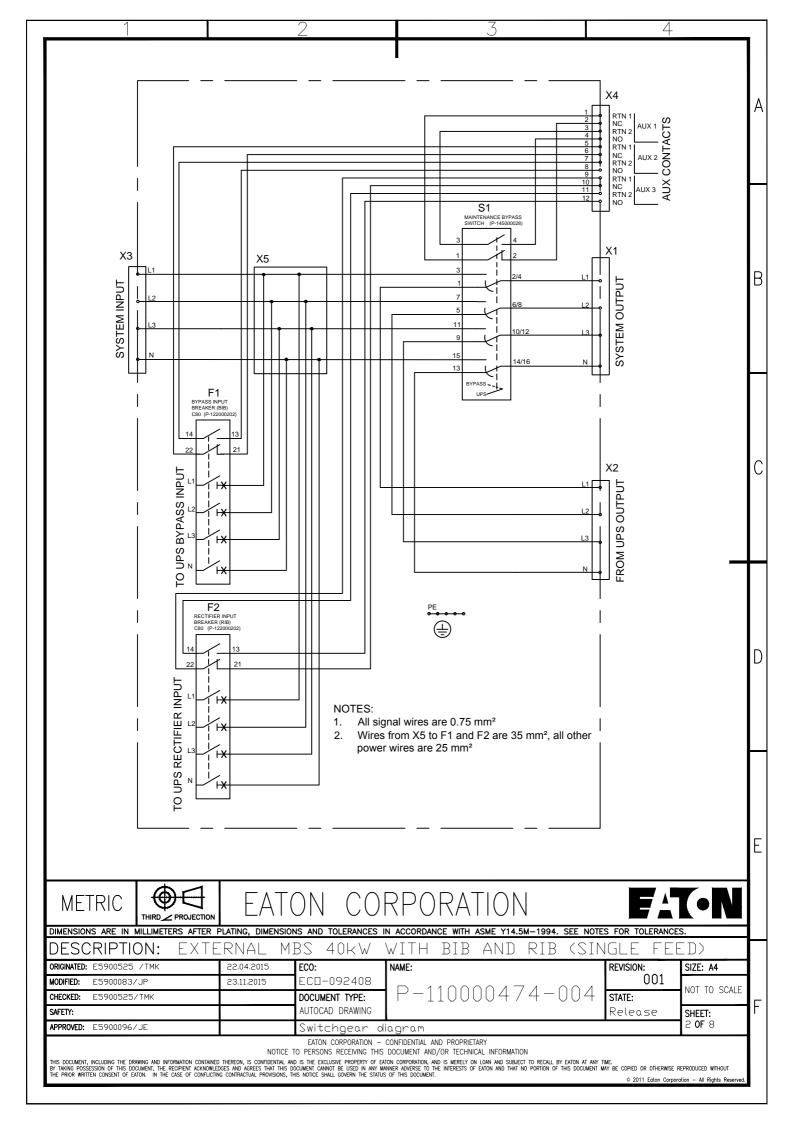
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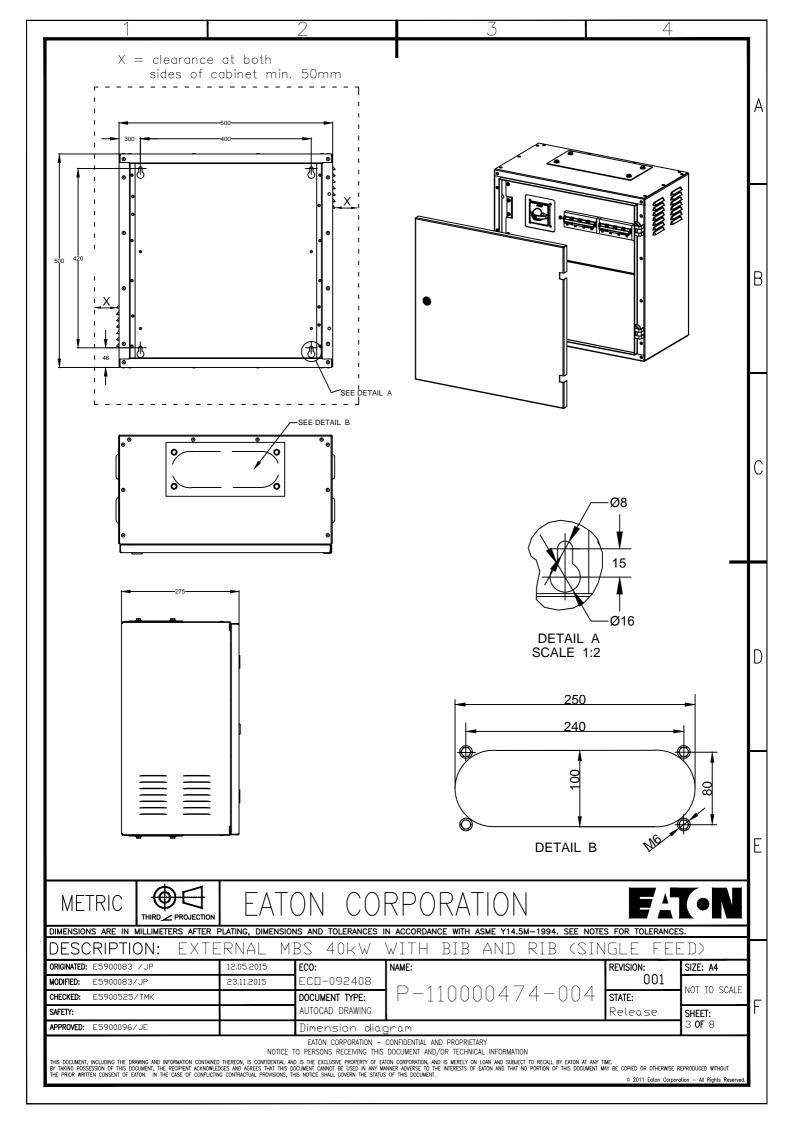
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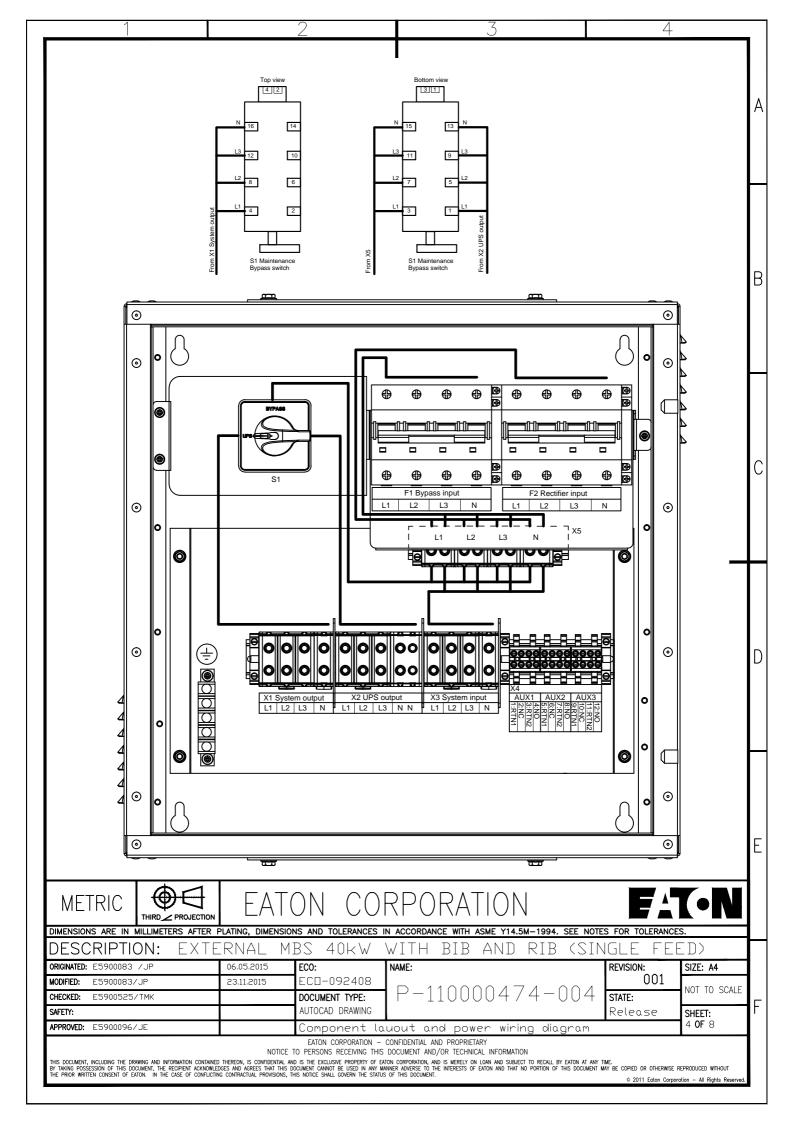
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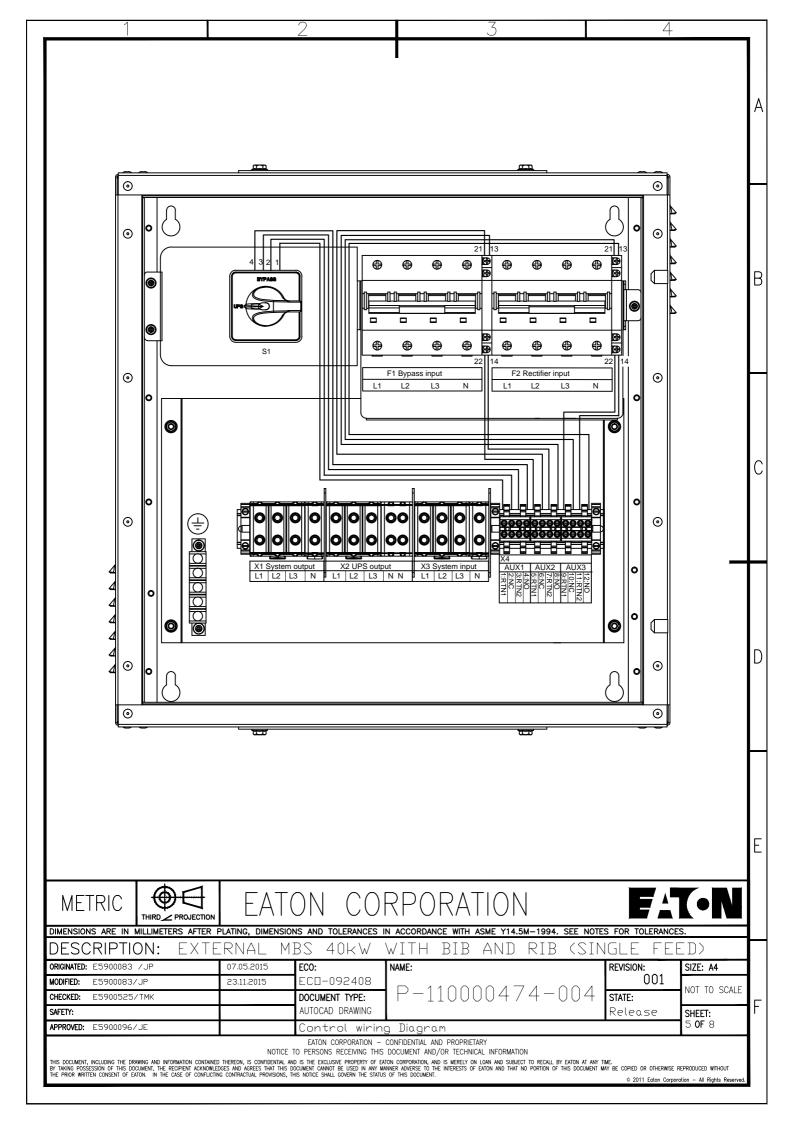
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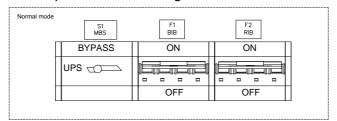




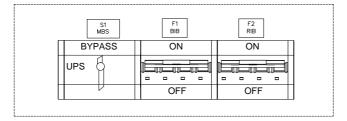


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A TECHNICAL SPECIFICATION STANDARD IEC/EN 61439-2	TY	PE PLATE,	SAMPLE	
MAINS TN-S, 5W/3P+N+PE, 380/400/415  1. Nominal Voltage 2. Nominal Current 3. Maximum Current 4. Nominal Frequency 5. Operating Temperature  1. 380/40 61/58 61/58 72 61/50 61	00/415 V /56 A EXT A PAR	* <b>T•N</b> T MBS 40kW WITH BIB AN  RT Nr: P-105000045-0		
6. Current capability  Thermal Icc 10  Dynamical Ipk =	KA *)	: 380/400/415V W A: 61 /58 /56A : 50/60Hz :: 10kA C61439-2	LASS: IP21 WEIGHT: 26kg  Made in Finland	28
Enclosure Class IP 21     Outfield location     Interior location	Note! ☐ 1. Bac	k-up fuse required for s		
2. Installation Surficial Wall mounting Floor mounting 3. Additional door Lock—up	2. For 3.	external wiring use wire	with temperature class	s min +90°C
4. Color Common color RAL7035 Custom color <u>Eaton dwg</u> 5. Cabling entry 164700509—001 Top entry Bottom entry				
Conduit flange of cable  6. Material specification Cable material 90°C, H07V2-K Cable U/Uo 450/750 Cover material Other demand  7. Handle location  Documents	⊠  ⊠  □  □  □  □  □  □  □  □  □  □  □  □			
C CUSTOMER ELECTRICAL INFORMATION				
1. MAINS  TN-C-S TN-S IT  2. LOAD POWER  P p.f.	□ □ _kVA _kW			-
METRIC THIRD PROJECTION EAT (			994. SEE NOTES FOR TOLER	
DESCRIPTION:         EXTERNAL         M.           ORIGINATED:         E5900083 / JP         12.05.2015           MODIFIED:         E5900083 / JP         23.11.2015           CHECKED:         E5900525 / TMK           SAFETY:         APPROVED:         E5900096 / JE	BS 40kW WI  ECO: NAME ECD-092408  DOCUMENT TYPE: AUTOCAD DRAWING  General informat	: ?-110000474	REVISION:	SIZE: A4  NOT TO SCALE  SHEET: 6 OF 8
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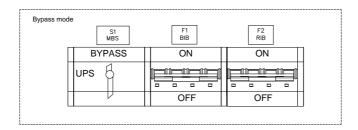
1. The start position is following:



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



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



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EXTERNAL **DESCRIPTION:** MBS WITH BIB AND RIB (SINGLE 40kW

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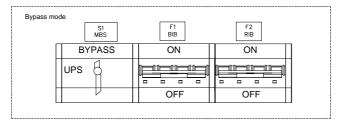
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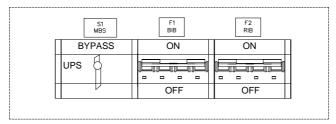
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## Turn UPS from MECHANICAL BYPASS to NORMAL MODE

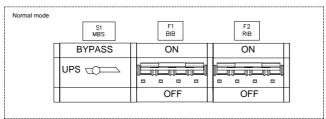
1. The start position is following:



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.
- 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.

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40kW **DESCRIPTION:** EXTERNAL MBS BIB AND RIB

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