

EXTERNAL MAINTENANCE BYPASS 20kW, 3-SWITCHES

Product number: P-105000044-003

METRIC



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EXTERNAL MBS 20kW, 3-SWITCHES DESCRIPTION:

ORIGINATED: E5900083 /JP	15.05.2015	ECO:	NAME:
MODIFIED: E9917864/EY	18.09.2015	ECD-089242	
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5000044-003

REVISION: 002 STATE: Release

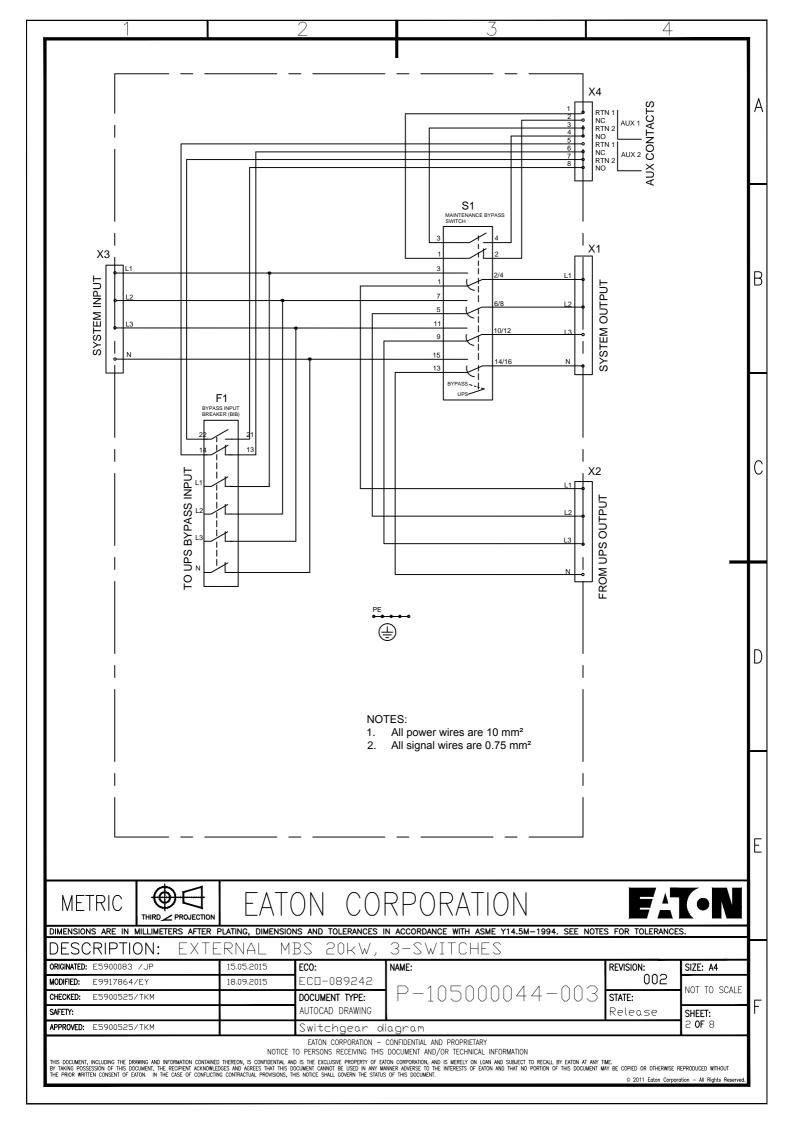
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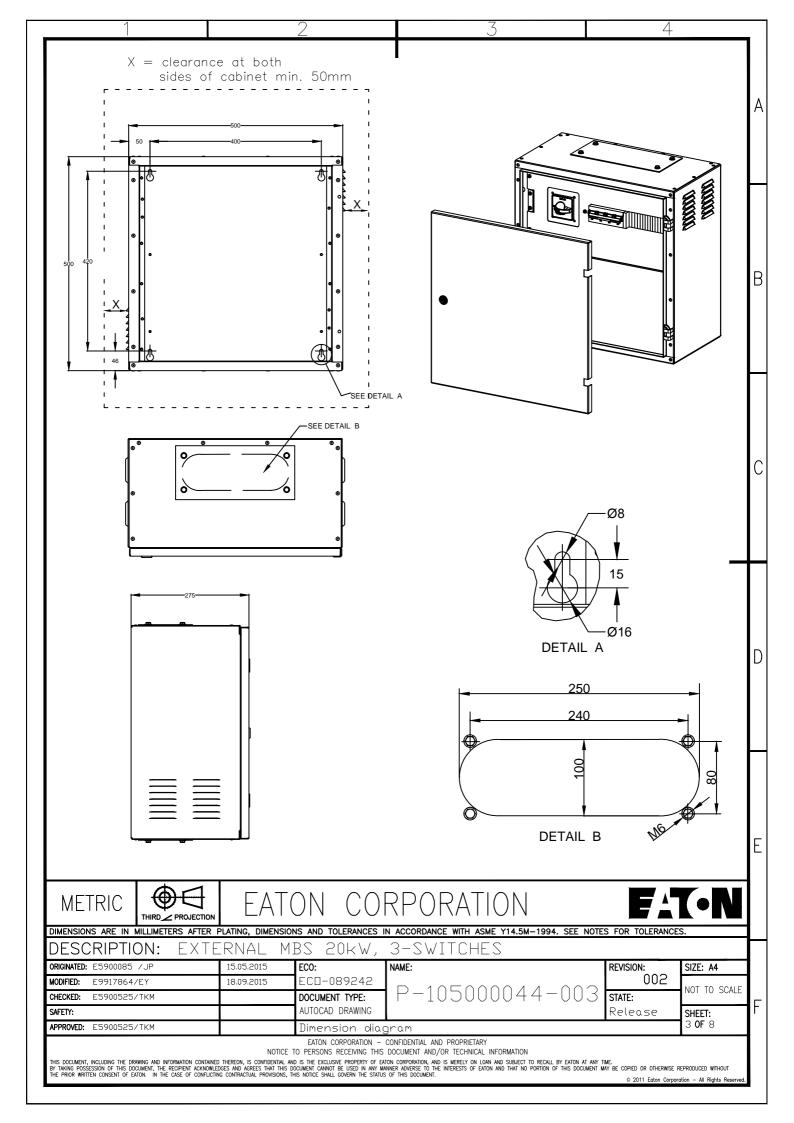
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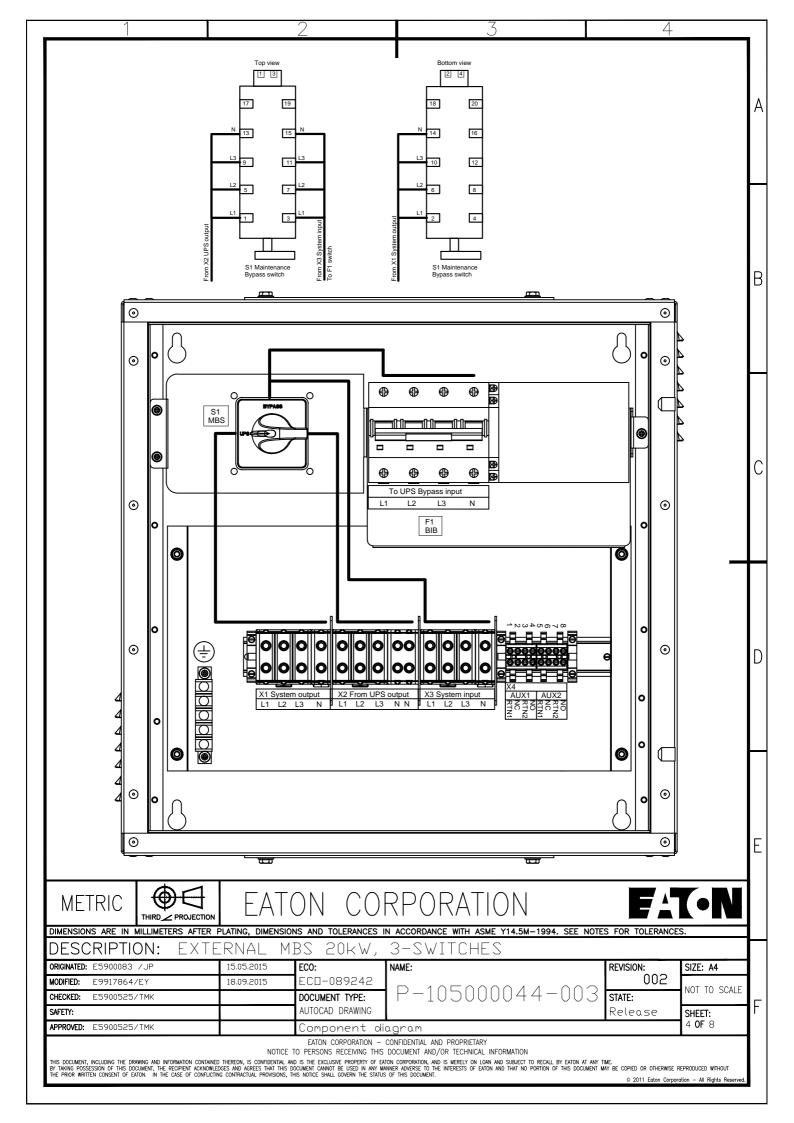
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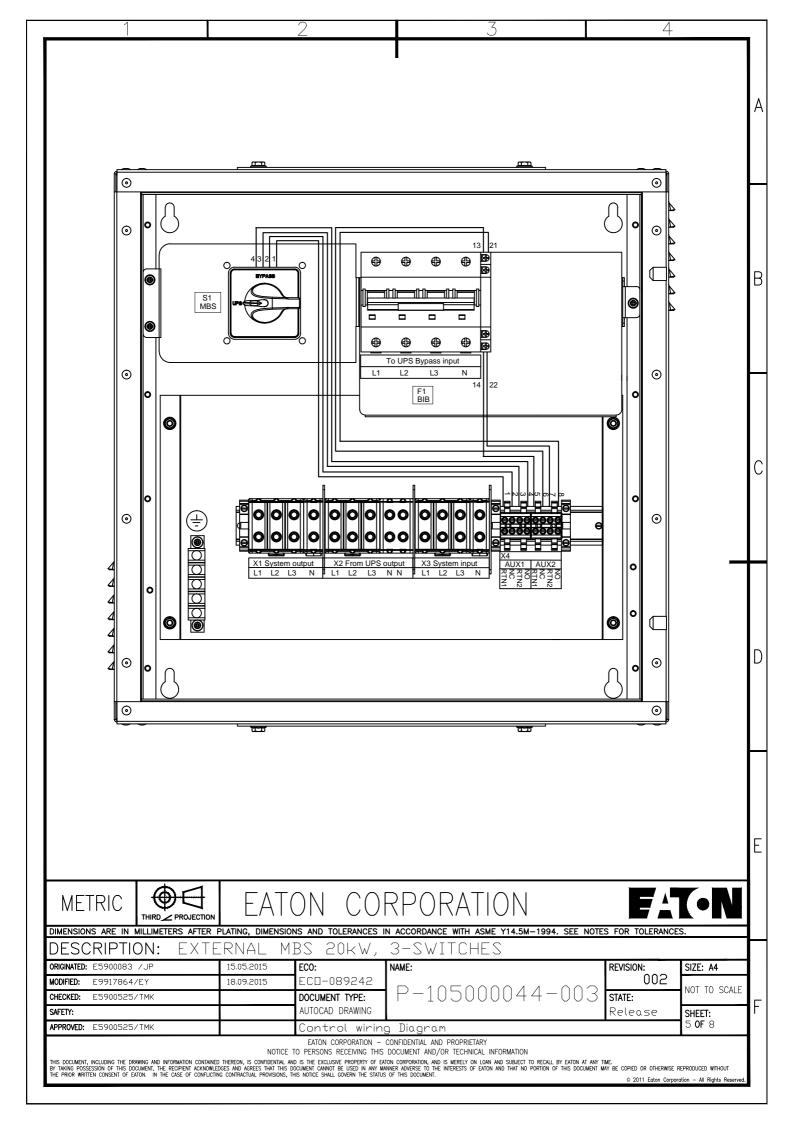
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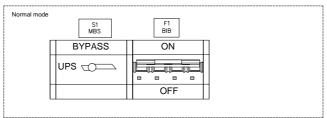




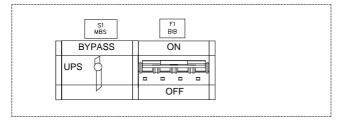
	1	2	3	4	
	TEOLINIOAL ODEOLES		TYPE PLATE,		7
Α	TECHNICAL SPECIFIC STANDARD IEC/EN 61439-	2	80 - 80	JAMI LL	
	MAINS TN-S, 5W/3P+N+Pf 1. Nominal Voltage	E, 380/400/415VAC 3~ U _n <u>380/400/415</u> V		-	A
	2. Nominal Current	I _{nA} 30/29/28 A			
	3. Maximum Current4. Nominal Frequency	I _{max} <u>36</u> A fn <u>50/60</u> Hz			
	5. Operating Temperature6. Current capability		EXTERNAL MBS 20kW, 3–S Part Nr: P-105000044-00	03 Rev: 002	r
	Thermal Dynamical	l _{cc} <u>10</u> kA *) l _{pk} <u> </u>	Serial Nr: 00001	Date: 05/2015	
	7. Power dissipation 8. Electrical Wiring AC	P <u> </u>	MAINS: TN-S CLASS: IP21 Un 380/400/415 V	EIGHT: 26 kg	
		L2	In A 30/29/28 A 50/60 Hz		В
_		PE ⊠ PEN □	Icc 10 kA		
В		_	IEC61439-2	Made in EU	ı
	CONSTRUCTION OF	-			ı
	1. Enclosure Class IP Outfield location Interior location	<u>21</u> ⊠ □	Note ! 1. Back—up fuse required for	system input 40A gG	H
	2. Installation	\square	2. For external wiring use wire 3.	e with temperature class min +90°C	
	Surficial Wall mounting	X X	4.		
	Floor mounting 3. Additional door		5.		C
	Lock-up				ľ
	4. Color Common color RAL Custom color <u>Eat</u>				
	5. Cabling entry 164	700509-001			
	Top entry Bottom entry Conduit flange of c	X X cable X		-	十
	6. Material specification Cable material 90	<u> </u>			
	Cable U/Uo <u>45</u> Cover material <u>–</u>				ı
	Other demand	Deer handle			
	- Hariale location —	<u>Door handle</u> □ . □			
	_				ı
С	CUSTOMER ELECTRICAL INFO	ORMATION			ı
	1. MAINS	TN-C-S □ TN-S ☒			┢
		ІТ 🗂			ı
	2. LOAD POWER	SkVA PkW			ı
		p.f			l _E
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	VICTOR A	Τρατονιο			il I
	METRIC THIRD PROJECTION		ORPORATION	Fil'n	IJ
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Turn UPS from NORMAL MODE to MECHANICAL BYPASS

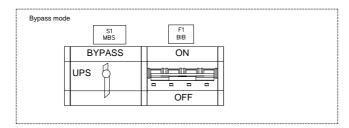
1. The start position is following:



- 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:



- Use UPS display to turn UPS OFF. 4.
- 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) to disconnect UPS from bypass and rectifier 6. input:



Use the external isolator to isolate the UPS rectifier input before maintenancing the UPS, unless the UPS is supplied from a single feed.

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Y14.5M-1994. SEE NOTES FOR TOLERANCES

DESCRIPTION: FXTFRNAL MBS

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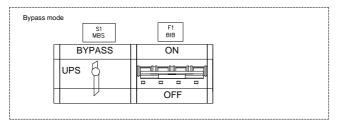
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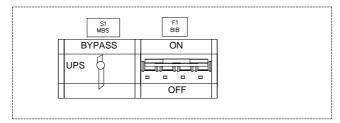
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Turn UPS from MECHANICAL BYPASS to NORMAL MODE

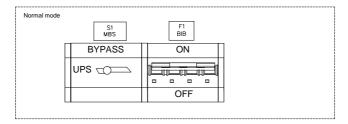
The start position is following: 1.



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



- 3. Use the external isolator to restore rectifier feed to the UPS, unless the UPS is supplied from a single feed.
- 4. Turn the UPS Battery Breaker (CB1) and UPS Rectifier Input Switch (S1) to ON position.
- 5. 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.
- Turn the MBS (S1) to UPS position to switch the output to UPS: 6.



7. 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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