



Toshiba MBSWH-150-F3-KK Installation Manual

Maintenance bypass switch wall-mount cabinet

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Maintenance Bypass Switch - Wall-Mount Cabinet

MBS - Door Closed

MBS BREAKER OPTIONS

Part Number*

MBSWH-150-F3-KK

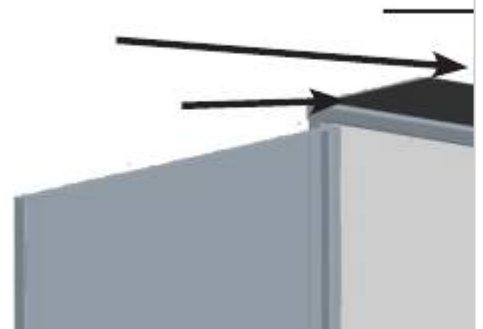
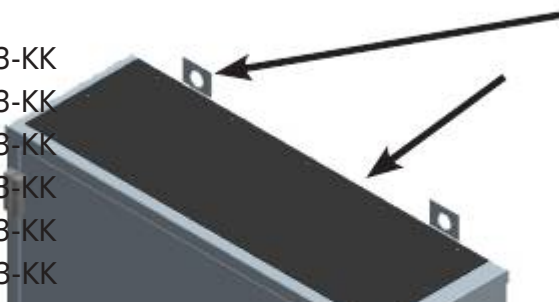
MBSWH-250-F3-KK

MBSWH-300-F3-KK

MBSWH-500-F3-KK

MBSWH-800-F3-KK

MBSWH-10K-F3-KK



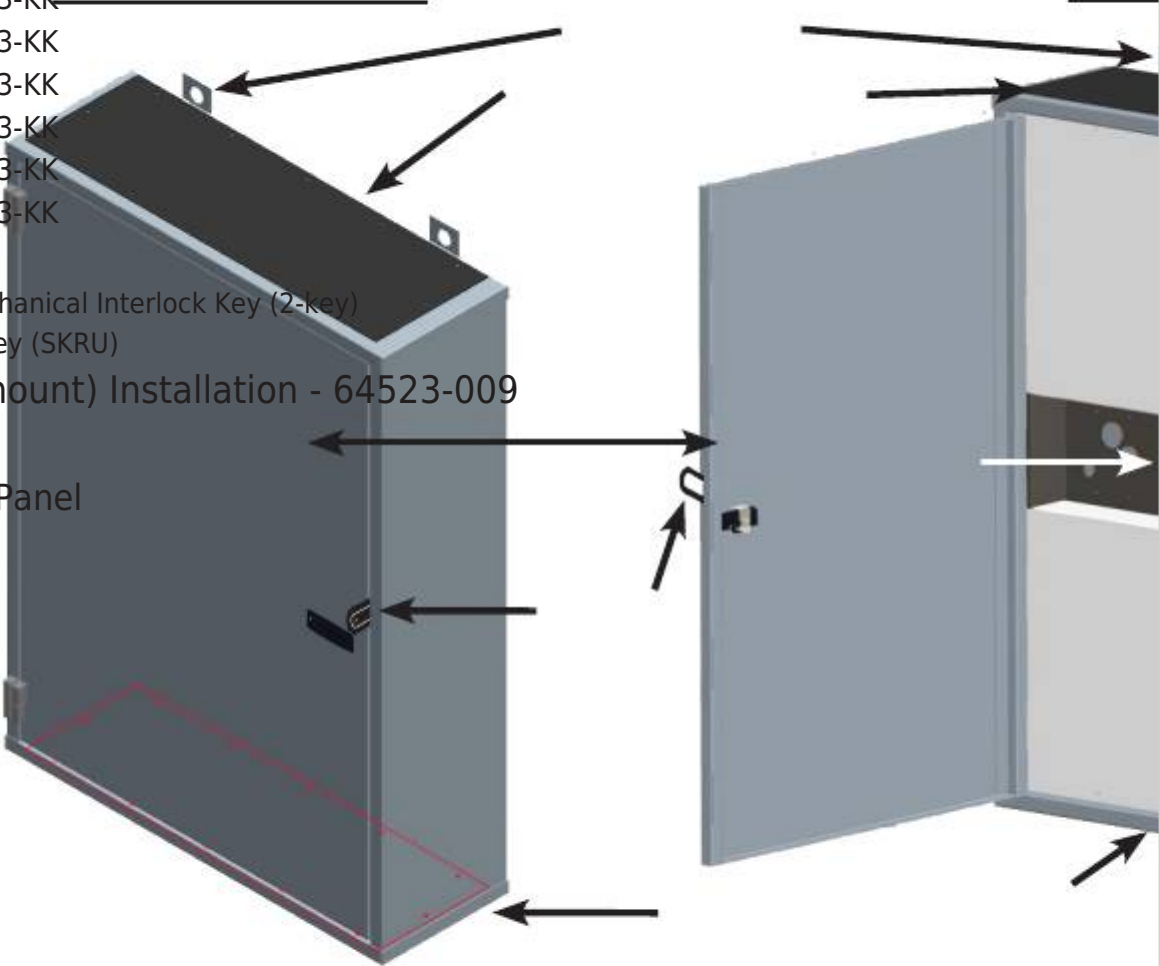
- MBSWH-150-S3-KK
- MBSWH-250-S3-KK
- MBSWH-300-S3-KK
- MBSWH-500-S3-KK
- MBSWH-800-S3-KK
- MBSWH-10K-S3-KK
- MBSWH-12K-S3-KK
- MBSWH-15K-S3-KK
- MBSWH-16K-S3-KK
- MBSWH-22K-S3-KK
- MBSWH-30K-S3-KK
- MBSWH-37K-S3-KK
- MBSWH-50K-S3-KK

*

- KK: Keyed Mechanical Interlock Key (2-key)
- KS: Solenoid Key (SKRU)

MBS (Wallmount) Installation - 64523-009

- Lifting Eyes
- Top Access Panel
- Lockable
- Front
- Panel
- Door
- LOTO
- (Lock out/
- Tag out)
- Hasp



(All cabinets are ANSI-61 Gray (Munsell No. 8.3G 6.10/0.54.))

Dim. W x D x H (in)

30.1 x 10.8 x 42.1					
30.1 x 10.8 x 42.1					
30.1 x 10.8 x 42.1					
30.1 x 10.8 x 42.1					
36 x 12.8 x 48.1					
36 x 12.8 x 48.1					
30.1 x 10.8 x 42.1					
30.1 x 10.8 x 42.1					
30.1 x 10.8 x 42.1					
30.1 x 10.8 x 42.1					
30.1 x 10.8 x 42.1					
30.1 x 10.8 x 42.1					
30.1 x 10.8 x 42.1					
30.1 x 10.8 x 42.1					
30.1 x 10.8 x 42.1					
36 x 12.8 x 48.1					

36 x 12.8 x 48.1
36 x 12.8 x 48.1
36 x 12.8 x 48.1

Keyed

Mechanical

Interlock

Bottom Access Panel

Wt (lb)

UPS kVA

130

15

208/120V

130

25

208/120V

130

30

208/120V

130

50

208/120V

280

80

208/120V

385

100

208/120V

130

15

130

25

130

30

130

50

130

80

130

100

130

125

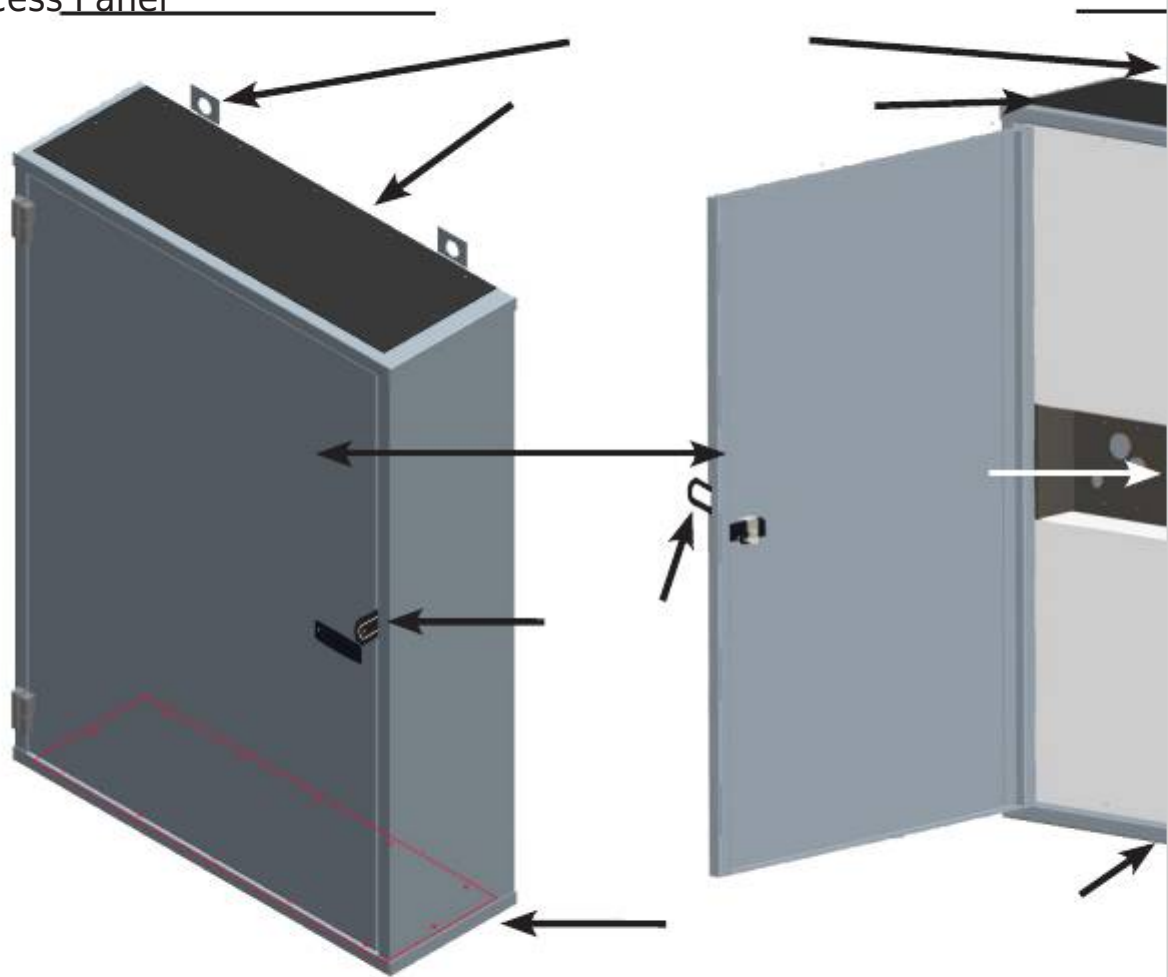
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150

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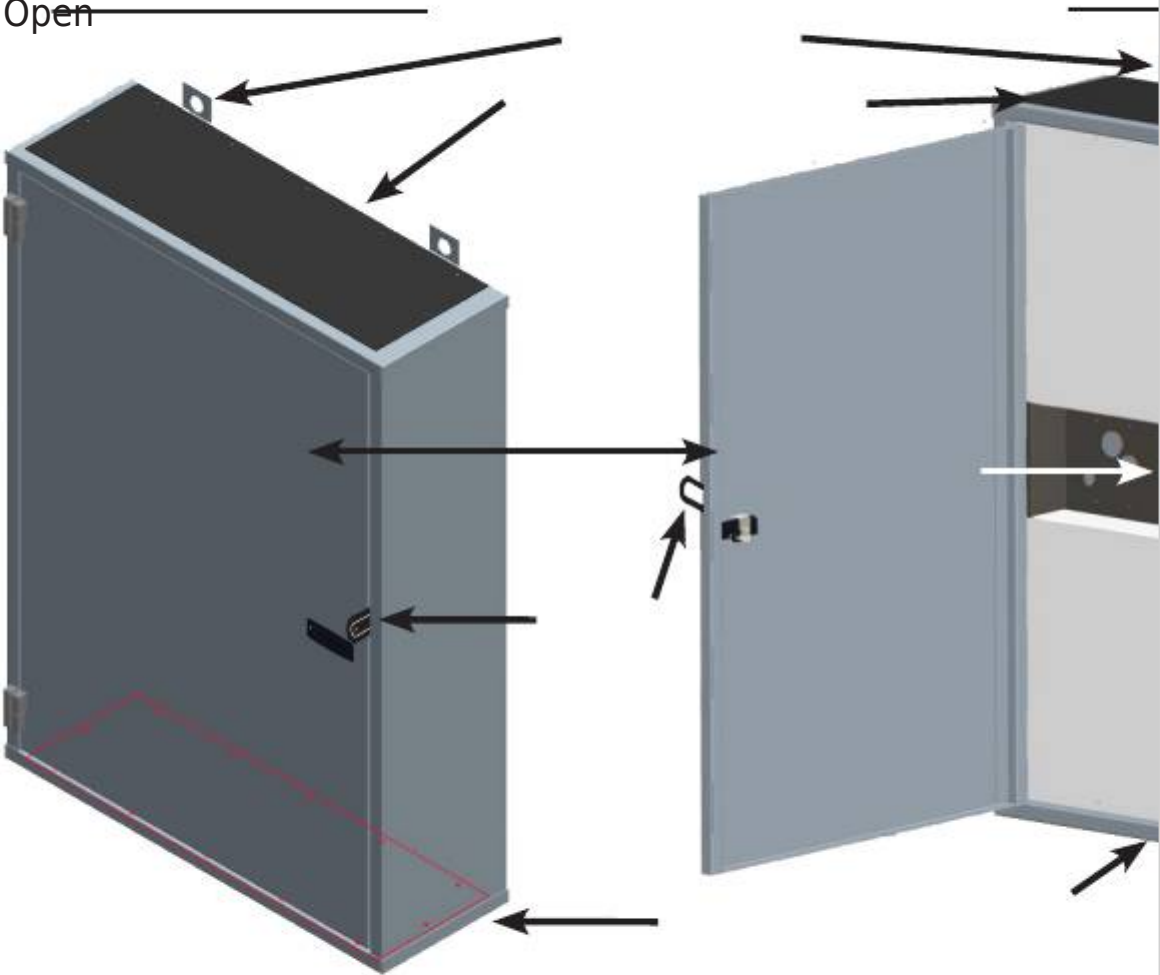
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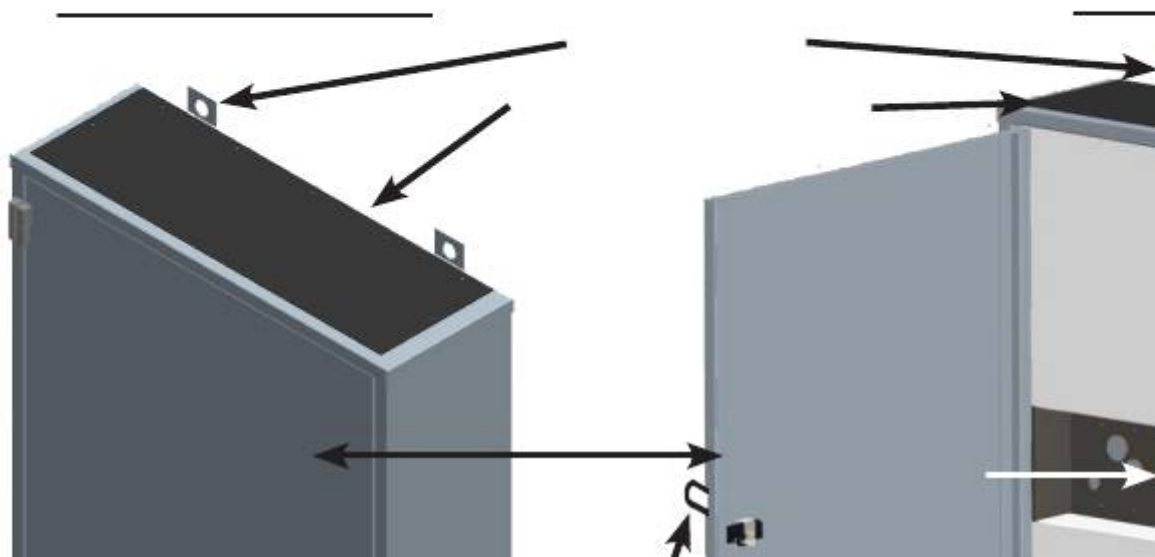
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100					
130					
125					
130					
150					
130					
160					
280					

225
280
300
280
375
280
500
MBS - Door Open
Dead Front
Dead Front
Voltage
Breaker Size
60A
100A
125A
200A
300A
400A
480V
40A
480V
40A
480V
50A
480V
100A
480V
125A
480V
175A
480V
200A
480V
250A
480V
250A
480V
350A
480V
500A
480V
600A
480V
800A
Withstand kAIC



200A					
480V					
250A					
480V					
250A					
480V					
350A					
480V					
500A					
480V					
600A					
480V					
800A					
Withstand kAIC					

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Related Manuals for Toshiba MBSWH-150-F3-KK

[Switch Toshiba RC820 Specifications](#)

2e motor protection relays (8 pages)

[Switch Toshiba SH2000G-S Instruction Manual](#)

(2 pages)

[Switch Toshiba ASD-TB1-SIM9 Installation Procedures](#)

Toshiba multifunctional programmable switch installation procedure (2 pages)

[Switch toshiba TCK401G Reference Manual](#)

Application and circuit for mosfet driver ic (15 pages)

Summary of Contents for Toshiba MBSWH-150-F3-KK

[Page 1](#) (All cabinets are ANSI-61 Gray (Munsell No. 8.3G 6.10/0.54.)) Part Number* Dim. W x D x H (in) Wt (lb) UPS kVA Voltage Breaker Size Withstand kAIC MBSWH-150-F3-KK 30.1 x 10.8 x 42.1 208/120V 65,000 MBSWH-250-F3-KK 30.1 x 10.8 x 42.1 208/120V 100A...

[Page 2: General Safety](#)

WARNING AREA TEXT COLOR: ANSI WHITE TEXT AREA BACKGROUND COLOR: ANSI WHITE any of the labels. If the labels are damaged or if additional labels are required, contact your TOSHIBA representative for TEXT AREA TEXT COLOR: ANSI BLACK additional labels.

[Page 3: Qualified Personnel Only](#)

This manual contains important instructions that should be followed during the installation, maintenance, and operation of WLM 3-9-11 ZIR 3-10-11 WLM 3-10-11 FULL THIS MATERIAL IS THE EXCLUSIVE PROPERTY OF TOSHIBA INTERNATIONAL GENERAL - MBS the MBS to assure safe and proper operation. CORPORATION AND SHALL NOT BE REPRODUCED, USED, OR DISCLOSED REV: TO OTHERS UNLESS PRIOR WRITTEN AUTHORIZATION IS OBTAINED.

[Page 4: Shipping Dimensions](#)

MOUNTING INSTRUCTIONS The Toshiba wall-mounted Maintenance Bypass cabinet comes fully assembled. The units are equipped with two lifting eyes each on the top and bottom of the cabinet. Inside on the back panel are four keyholes sized for 1/2" mounting bolts See the appropriate draw- (customer supplied) that are for mounting the unit to cement wall or metal channel support.

[Page 5](#) IlSCO P/N Description Hole Hole Conductor Fitting Color Diameter Spacing Size CLND-3/0-12-134 Long Barrel 3/8 in. 1.75 in. Orange CLND-4/0-38-134 Long Barrel 3/8 in. 1.75 in. Purple CSWD -4/0-38-134 Short Barrel CLND-250-38-134 Long Barrel 3/8 in. 1.75 in. Yellow CSWD -250-38-134 Short Barrel CLND-350-38-134 Long Barrel...

[Page 6](#) Connect the power cables as indicated below. Verify phasing is correct before applying power. LINE IN UPS OUT Phase A B C Phase A B C Phase A B C Phase A B C UPS IN LOAD IN Figure 1 - MBS Power Cabling Connections MBS (Wallmount) Installation - 64523-009...

[Page 7](#) SKRU Wiring If the Wall Mount MBS is equipped with a SKRU (Solenoid Key Release Unit) it comes with the SKRU factory-wired to the MBS Terminal Strip TB-1. TB-1 is mounted on the lower left side of the MBS. Complete wiring the MBS TB-1 SKRU to the UPS dry contacts TB before energizing the MBS or UPS. The SKRU is powered from the load side of the MBS output breaker.

[Page 8](#) KEYED MECHANICAL INTERLOCK OPERATION The MBS ships with a keyed mechanical interlock or SKRU (Solenoid Key Release Unit) interlock. Operation instructions for both models are shown below, and also displayed on the MBS breaker panel. NOTICE: Both MBS procedures

are make-before-break. Ensure the UPS is in BYPASS mode before switching to Maintenance Bypass.

[Page 9](#) MBS (Wallmount) Installation - 64523-009...

[Page 10](#) MBS (Wallmount) Installation - 64523-009...

[Page 11: Appendix A - Lock-Out/Tag-Out Hasp Installation](#)

Appendix A - Lock-Out/Tag-Out Hasp Installation The Toshiba wall-mounted MBS ships with a LOTO (Lock-Out/Tag-Out) hasp to be installed by the User in those applications requiring that capability. Installation equipment required: #2 Phillips Screwdriver 1. Twist the inner tongue and outer loop sections of the hasp in opposite directions, until the 0.5 mm join separates.

[Page 13](#) SOCIAL INFRASTRUCTURE SYSTEMS GROUP POWER ELECTRONICS DIVISION 13131 West Little York Road, Houston, Texas 77041-9990 Tel (713) 466-0277 Fax. (713) 466-8773 US (855) 803-7087 Canada (800) 872-2192
<https://www.toshiba.com/tic/industrial/uninterruptible-power-systems> Printed in the U.S.A.

This manual is also suitable for:

Mbswh-250-f3-kkMbswh-300-f3-kkMbswh-500-f3-kkMbswh-800-f3-kkMbswh-10k-f3-kkMbswh-150-s3-kk ... [Show all](#)