Toshiba ASD-TB1-SIM9 Installation Procedures

Toshiba multifunctional programmable switch installation procedure

1
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Quick Links

ASD-TB1-SIM9 Installation Procedure

The ASD-TB1-SIM9 is used to demonstrate the many powerful features of the 9-Series ASDs and may be used with any of the 9-Series ASDs.

The ASD-TB1-SIM9 was developed to emulate the input/output control signals of the 9-Series ASDs.

The simulated input signals of the ASD-TB1-SIM9 are provided via switches and pots.

The switches simulate discrete input signals, such as relays and contactors — the pots simulate analog inputs, which may be voltage or current. The ASD-TB1-SIM9 uses LEDs to provide the status of the AM, **FM, OUT1, OUT2, and Fault signals.**

The ASD-TB1-SIM9 connects to the Control Board and is installed using same slide-in method as the **Terminal Board that is normally used with the 9-Series ASD.**

This procedure is to be performed by Qualified Personnel ONLY. See the Installation and

Operation Manual of the ASD being used for the complete description of the discrete and

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analog operational applicables, and ASD safety precautions and requirements.
Ensure that the 3-phase input power to the ASD is off and that the circuit is properly locked out and tagged out as per your local, regional, and/or state regulatory agency. Failure to do so may result in equipment damage, injury, or death.
To prevent electrical shock, ensure that the front cover of the 9-Series ASD has been secured before applying power to the unit.

Installation Procedure

1.
Open the front door of the 9-Series ASD and remove the lower front cover.
2.
Loosen the Torx
3.
Remove the factory-installed Terminal Board from the 9-Series ASD.
4.
Insert the ASD-TB1-SIM9 into the 9-Series ASD. Ensure that the male S106 connector of the ASD-
TB1-SIM9 seats securely into the female connector of the 9-Series ASD Control Board.
5.
Secure the ASD-TB1-SIM9 using the Torx
®
6.
The Torx
TB1-SIM9 does not require much torque to secure
the ASD-TB1-SIM9 into the 9-Series ASD. Once
®
the Torx
of a turn is required to tighten securely.
7.
Replace the lower front cover and close the door of
the 9-Series ASD.
ASD-TB1-SIM9

WARNING

®
screw at the upper-right side of the Terminal Board.
screw in the upper-right side of the ASD-
screw begins to resist turning, less than ½
®
screw in the upper-right side of the ASD-TB1-SIM9.
Figure 1. ASD-TB1-SIM9 PCB.

Related Manuals for Toshiba ASD-TB1-SIM9

[Switch Toshiba MBSWH-150-F3-KK Installation Manual](#)

Maintenance bypass switch wall-mount cabinet (13 pages)

Summary of Contents for Toshiba ASD-TB1-SIM9

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Page 2 (see the Installation and Operation Manual of the ASD being used for more information on the FM terminal settings). Parameter F681 must be set to 0–10V to use the FM terminal with the ASD-TB1-SIM9. FM LED Indicator — A 1-to-10 LED module that produces a real-time visual indication of the magnitude of the function assigned to this terminal.