

Bulletin 2364 Bus Indicator PCB Replacement

Contents

This publication contains the necessary procedures to replace the bus indicator PCB.

What This Kit Contains

Using the table below, verify that you have received the appropriate items in your kit:

For this part:	You should receive this quantity:
bus indicator PCB	1

Other Items Needed

Before you begin, be sure you also have the following:

- Whatever tool(s) you will need to:
 - Remove, loosen, and tighten 6-32 nuts
- Documentation:
 - Your drive system schematics
 - Your product's user/installation manual

Spare Allen-Bradley Parts

Safety Precautions

The following general precautions apply to Bulletin 2364 products and their respective drive systems:



ATTENTION: Only those familiar with the drive system, the products used in the system, and the associated machinery should plan or implement the installation, startup, and future maintenance of the system. Failure to comply can result in personal injury and/or equipment damage.

ATTENTION: Verify that all sources of AC and DC power are deenergized and locked out or tagged out in accordance with the requirements of ANSI/NFPA 70E, Part II.

ATTENTION: The system may contain stored energy devices. To avoid the hazard of electrical shock, verify that all voltage on capacitors has been discharged before attempting to service, repair, or remove a drive system or its components. You should only attempt the procedures in this manual if you are qualified to do so and are familiar with solid-state control equipment and the safety procedures in publication NFPA 70E.

ATTENTION: When servicing any unit, do not drop any nuts, bolts, washers, etc. inside the unit as they may cause a short circuit on power up. Dropped items must be found and removed before you apply power.

ATTENTION: This drive system contains ESD (Electrostatic Discharge) sensitive parts and assemblies. Static control precautions are required when installing, testing, or repairing this assembly. Component damage can result if ESD control procedures are not followed. If you are not familiar with static control procedures, refer to Rockwell Automation publication 8000-4.5.2, *Guarding Against Electrostatic Damage* or any other applicable ESD protection handbook.

Special Instructions

The following special instructions apply to Bulletin 2364 products and their respective drive systems:

Important: As you remove parts, place them in order on a clean surface because you will need to reuse some of them during reassembly.

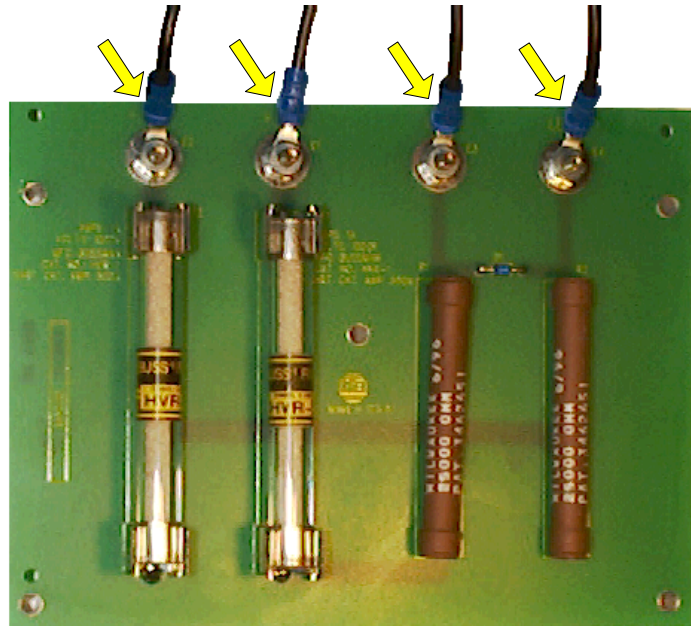
Important: Some washers, such as the diode clamp washers and the Belleville washers used on busbar bolts, have only one correct orientation.

Removing the Bus Indicator PCB

Use this procedure to remove the bus indicator PCB:

1. Remove all Lexan™ guards that shield the PCB.
2. Disconnect all power wiring from the bus indicator PCB, as designated by arrows in Figure 1.
3. Remove the PCB from the 5 plastic standoff supports.

Figure 1
Bus Indicator PCB



Installing a Bus Indicator PCB

Use this procedure to install the bus indicator PCB:

1. Position the PCB inside the unit.
2. Secure the PCB with the 5 plastic standoff supports.
3. Connect all power and ground wiring to the PCB.
4. Verify that wiring has been reconnected per schematic.
5. Install any Lexan guards that were removed.
6. Dispose of the removed part according to your company's procedures and local ordinances.

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