

Altivar® 61 and 71 Type 1 Cover for Profibus Option Card VW3A3307

Retain for future use.

INTRODUCTION

This bulletin contains installation instructions for the Type 1 Cover for Profibus Option Card VW3A3307. It is used with the Altivar® 61 and Altivar 71 conduit box kits, VW3A9201–VW3A9205 and an I-shaped connector (see Figure 2). The Type 1 Cover for Profibus Option Card **must not** be used with an L-shaped connector.

Figure 1: Type 1 Cover for Profibus Option Card

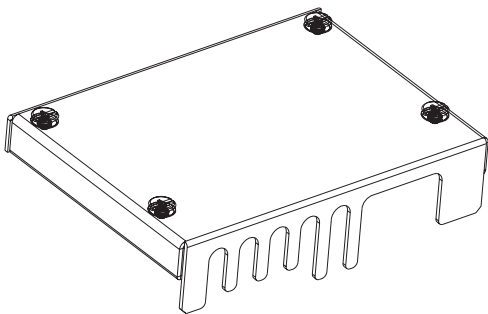
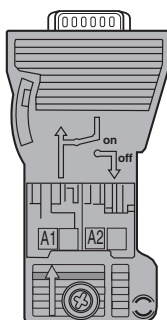


Figure 2: I-Shaped Connector



⚠ DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

- Read and understand this bulletin in its entirety before installing or operating the Altivar 61 and 71 drive controllers. Installation, adjustment, repair, and maintenance must be performed by qualified personnel.
- The user is responsible for conforming to all applicable code requirements with respect to grounding all equipment.
- Many parts in this drive controller, including printed wiring boards, operate at line voltage.
- DO NOT touch unshielded components or terminal strip screw connections with voltage present.
- DO NOT short across terminals PA/+ and PC/- or across the DC bus capacitors.
- Before servicing the drive controller:
 - Disconnect all power, including external control power that may be present.
 - Place a "DO NOT TURN ON" label on all power disconnects.
 - Lock all power disconnects in the open position.
 - WAIT 15 MINUTES to allow the DC bus capacitors to discharge. Then follow the DC bus voltage measurement procedure in *Altivar 61 and 71 Type 1 Conduit Box Kits VW3A9201–VW3A9208 and VW3A9217* instruction bulletin (30072-451-74) to verify that the DC voltage is less than 45 V. The drive LED is not an indicator of the absence of DC bus voltage.
- Install and close all covers before applying power or starting and stopping the drive controller.

Failure to follow these instructions will result in death or serious injury.

Tools Required

Use the following tools for the procedures in this bulletin:

- #2 Phillips screwdriver
- Slotted screwdriver
- Voltmeter

Table 1: Altivar 61/71 Type 1 Covers for Profibus Option Card

Profibus Conduit Kit Cover Catalog Number	For Use with Drive Controllers:			
	230 V Drive Controllers		480 V Drive Controllers	
	ATV61H**** ¹	ATV71H****	ATV61H****	ATV71H****
VW3A9201PF	075M3	037M3	075N4	075N4
	U15M3	075M3	U15N4	U15N4
	—	U15M3	U22N4	U22N4
VW3A9202PF	U22M3	U22M3	U30N4	U30N4
	U30M3	U30M3	U40N4	U40N4
	U40M3	U40M3	—	—
VW3A9203PF	U55M3	U55M3	U55N4	U55N4
	—	—	U75N4	U75N4
VW3A9204PF	U75M3	U75M3	D11N4	D11N4
VW3A9205PF	D11M3X	D11M3X	D15N4	D15N4
	D15M3X	D15M3X	D18N4	D18N4

¹ The symbol "*" indicates the part of the number that varies with controller size or rating.

INSTALLING THE PROFIBUS COVER

⚠ DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

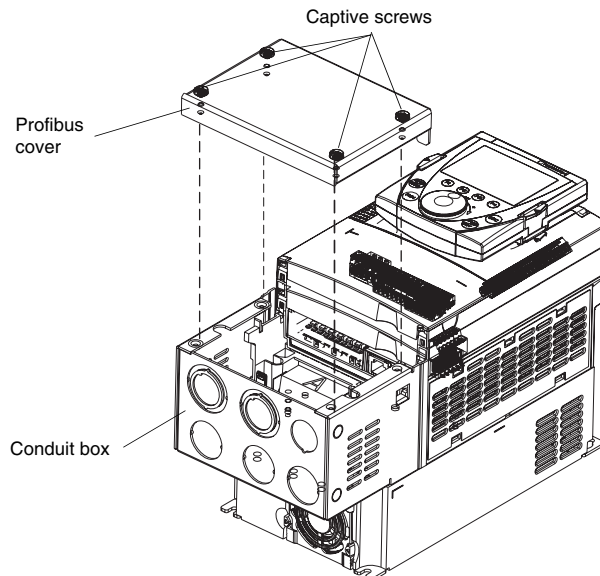
- Read and understand the safety instructions on page 1 before performing this procedure.
- Only use the Type 1 Profibus cover with a Profibus option card (VW3A3307) and an I-shaped connector installation.

Failure to follow these instructions will result in death or serious injury.

To install the VW3A9201PF–VW3A9205PF Profibus option card covers:

1. Remove the protective cover from the conduit box. Retain the cover and M4 screws for future use (for example, connector type or option card change).
2. Attach the Type 1 Profibus cover to the conduit box. Torque the captive M4 screws to 13 lb-in (1.47 N•m).

Figure 1: Installation of Conduit Kits VW3A9201–VW3A9205



NOTE: Refer to the Altivar 61 and 71 Type 1 Conduit Box Kits VW3A9201–VW3A9208 and VW3A9217 instruction bulletin (30072-451-74), for more information about installing Conduit Box Kits VW3A9201–VW3A9205.

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