

Installation Instructions

Profibus Decoupling Kit

VLT® AutomationDrive FC 360

Profibus decoupling kit for mounting the control cassette with Profibus. Mount the control cassette on the frequency converter before mounting the Profibus decoupling kit.

Items Supplied

For each control cassette with Profibus, 2 Profibus decoupling kits are supplied in the package. Install the correct kit based on the enclosure type of the frequency converter.

Code Number	Items Supplied
132B0274	Profibus decoupling kit for enclosure types J1 - J5, containing the following items: <ul style="list-style-type: none"> • Profibus decoupling plate • Screws M3x6 • 5-pin connector for Profibus
132B0286	Profibus decoupling kit for enclosure types J6 & J7, containing the following items: <ul style="list-style-type: none"> • Profibus decoupling plate • Screws M3x6 • 5-pin connector for Profibus

Table 1.1

Safety Instructions

⚠ WARNING

DISCHARGE TIME

The frequency converter contains DC-link capacitors, which can remain charged even when the frequency converter is not powered. Failure to wait the specified time after power has been removed before performing service or repair work, could result in death or serious injury.

- Disconnect AC mains, permanent magnet type motors, and remote DC-link power supplies, including battery back-ups, UPS, and DC-link connections to other frequency converters.
- Wait for the capacitors to discharge fully, before performing any service or repair work. The duration of waiting time is specified in *Table 1.2*.

Voltage [V]	Minimum waiting time [minutes]	
	4	15
380-480	0.37-7.5 kW	11-75 kW
High voltage may be present even when the warning LEDs are off!		

Table 1.2 Discharge Time

Refer to *VLT® AutomationDrive FC 360 Quick Guide* for detailed information about safe installation of the frequency converter.

Mounting

1. Place the Profibus decoupling plate on the control cassette that is mounted on the frequency converter, and fasten the plate using two screws (supplied). Tightening torque 0.7 - 1.0 Nm.

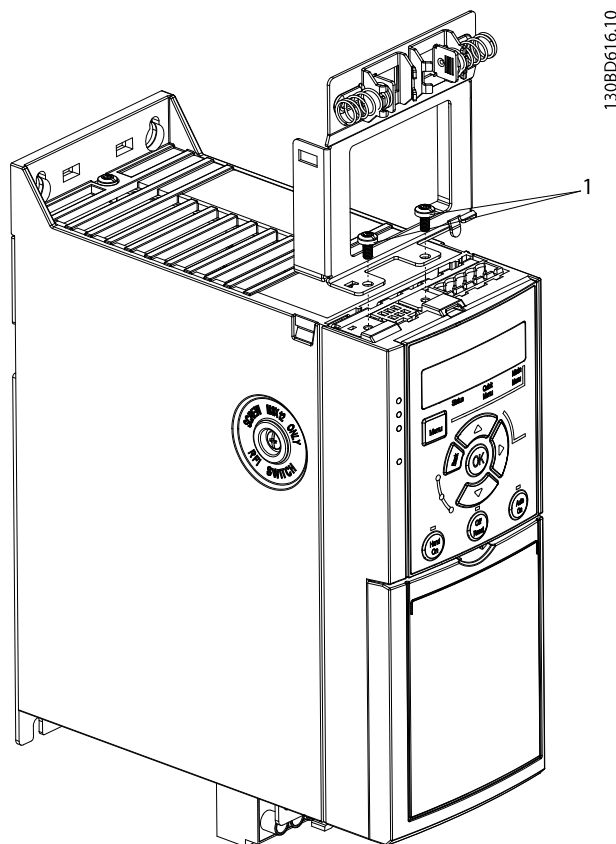


Illustration 1.1 Fasten the Pelate with Screws

1	Screws
---	--------

Table 1.3 Legend for *Illustration 1.1*

2. Push the 5-pin connector for Profibus into place.

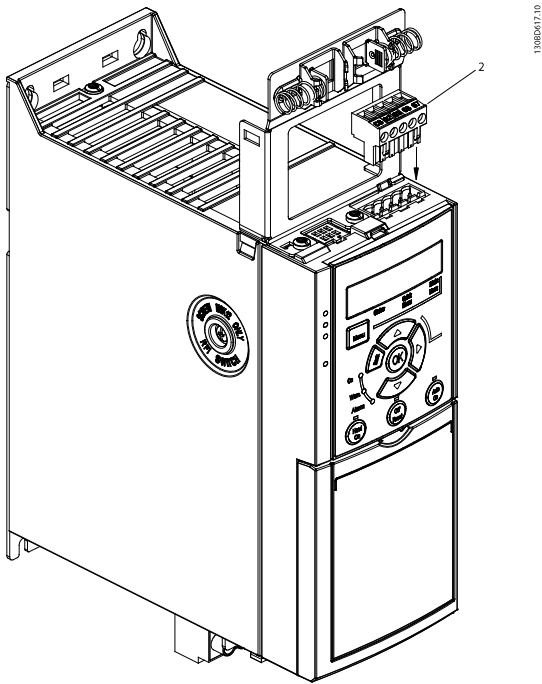


Illustration 1.2 Push the Connector into Place

1	5-pin connector for Profibus
---	------------------------------

Table 1.4 Legend for *Illustration 1.2*

