

Installation Instructions

Control Cassettes

VLT[®] AutomationDrive FC 360

There are 2 types of control cassettes for VLT[®] AutomationDrive FC 360: Standard Control Cassette and Control Cassette with Profibus. The installation instructions in this document apply to both. For Control Cassette with Profibus, make sure to mount the Profibus decoupling kit after mounting the control cassette. Instructions on mounting decoupling kit can be found in the kit package.

Items Supplied

- Either of the 2 types of control cassettes below:
 - Standard Control Cassette (132B0255)
 - Control Cassette with Profibus (132B0256)
- Screws

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 1.1*.

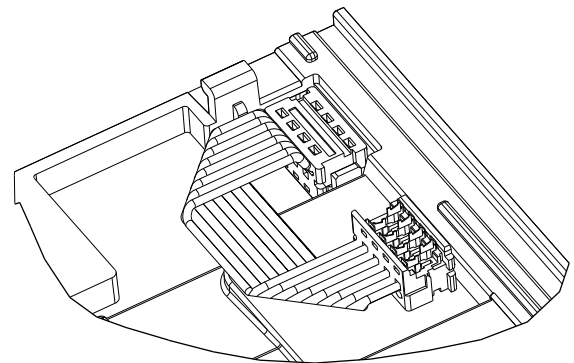
Voltage [V]	Minimum waiting time [minutes]	
	4	15
380-480	0.37-7.5 kW	11-75 kW
High voltage may be present even when the warning LEDs are off!		

Table 1.1 Discharge Time

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

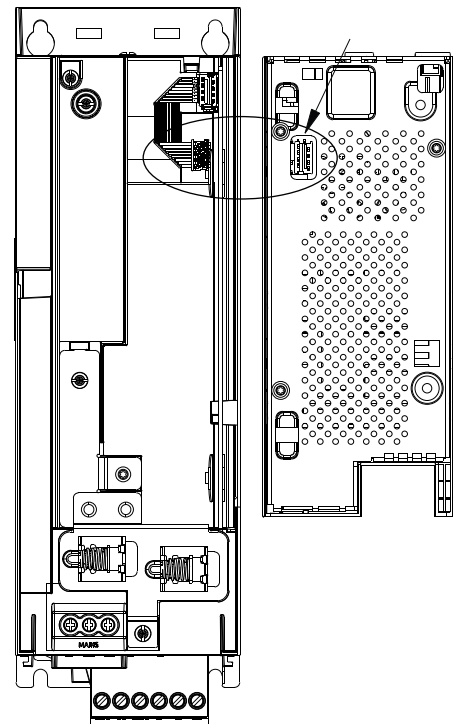
Mounting

1. Connect the control cassette with the frequency converter, bending the cable as shown in *Illustration 1.1*.



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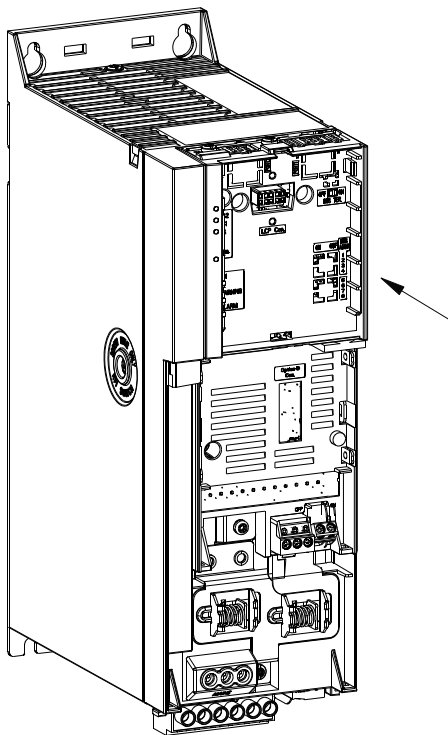
Illustration 1.1 Bend the Connection Cable



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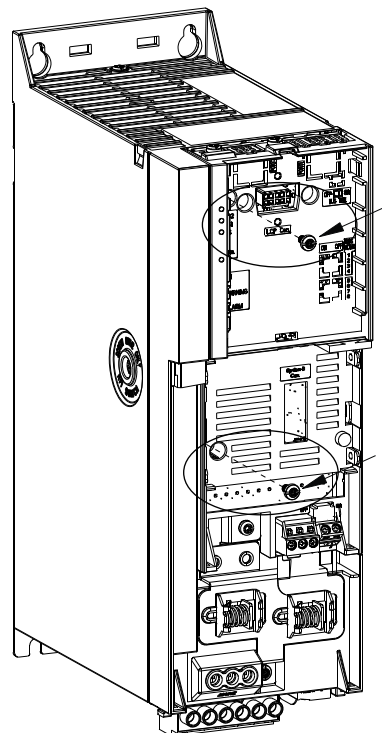
Illustration 1.2 Connection Point on the Control Cassette

2. Place the control cassette on the frequency converter and slide it into place.



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3. Fasten the control cassette on the frequency converter using 2 screws (supplied). Tightening torque 0.7 - 1.0 Nm.



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Illustration 1.3 Slide the Control Cassette into Place

Illustration 1.4 Tighten Screws

