

Installation Instructions

VLT® AutomationDrive FC 360 Relay/RS-485 Connector Replacement Kit

Items Supplied

Accessories bag (132B0264) containing connectors for:

- Relay 1 (terminal 1, 2, 3)
- Relay 2 (terminal 4, 5) - for enclosure types J1, J2 and J3
- Relay 2 (terminal 4, 5, 6) - for enclosure types J4 and J5
- RS-485 (terminal 61, 68, 69)

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!		

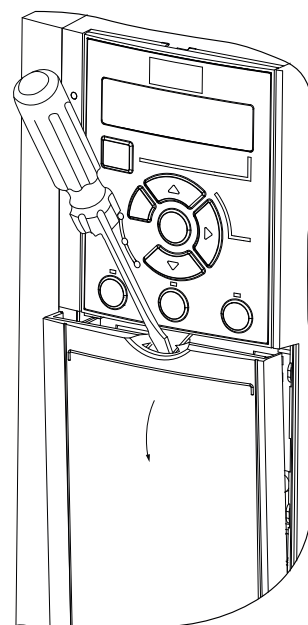
Table 1.1 Discharge Time

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

Mounting

The relay connectors are located at the bottom of the frequency converter. The RS-485 connector is placed behind the frequency converter front cover.

1. Remove the front cover using a screw driver, if relevant.



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Illustration 1.1 Front Cover Removal

2. Remove defective connectors if relevant.
3. Remove wires from defective connectors.

4. Wire and mount new connectors.

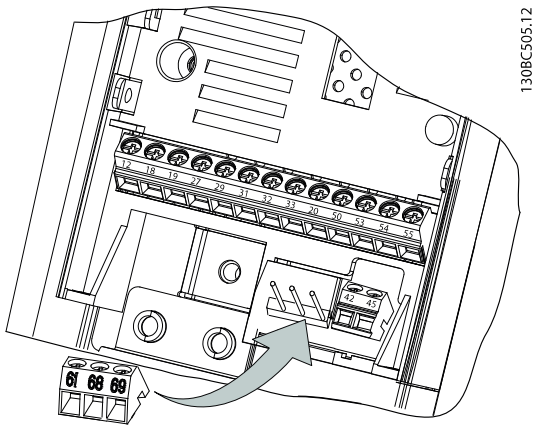


Illustration 1.2 Example: RS-485 Connector Mounting

5. Remount the front cover if relevant.

