

Installation Instructions

VLT® AutomationDrive FC 360 Decoupling Plate

1.1.1 Scope of Delivery

- Power decoupling plate
- I/O decoupling plate (0.37-2.2 kW only)
- Screws (m4x20)

Enclosure	Power range [kW]	Ordering number
J1	0.37-2.2	132B0258
J2/J3	3.0-7.5	132B0259
J4/J5	11-22	132B0260

Table 1.1 Ordering Numbers

1.1.2 Safety Instructions

Voltage [V]	Minimum waiting time [minutes]	
	4	15
380-480	0.37-7.5 kW	11-22 kW

Table 1.2 Discharge Time

1.1.3 Mounting I/O Decoupling Plate

(0.37-2.2 kW only)

Mount the I/O decoupling bracket on the power decoupling plate with 2 M4x10 screws (supplied).
Tightening torque: 1.0~1.2 Nm

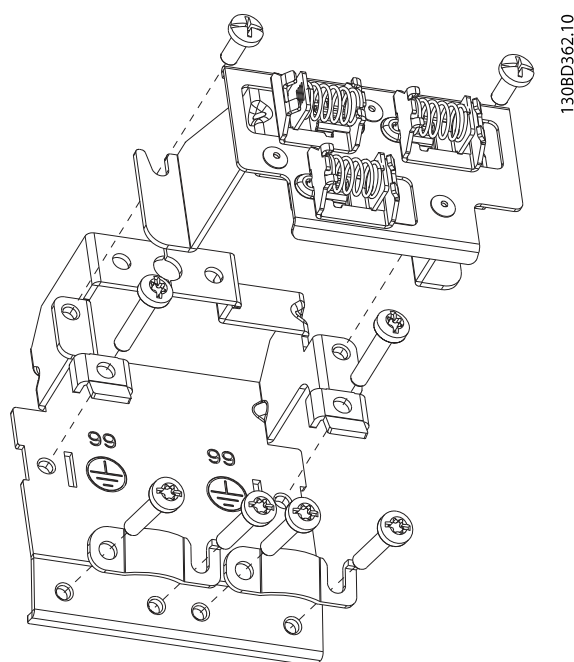
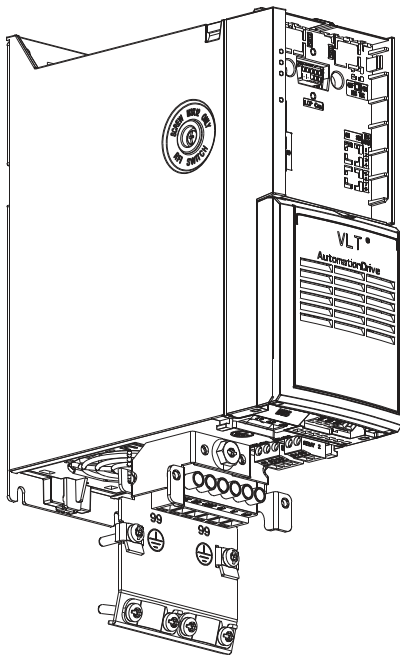


Illustration 1.1 Decoupling Plate

1.1.4 Mounting Power Decoupling Plate

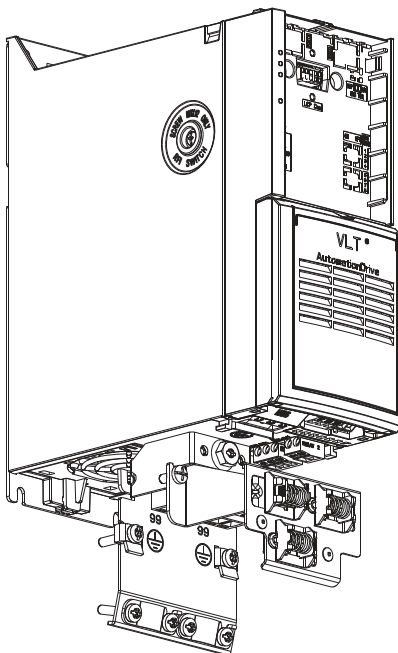
0.37-7.5 kW

1. Remove the earth screw (M6x12) from the frequency converter.
2. Mount the power decoupling plate on the frequency converter and fasten it with the 2 supplied screws (M4x10).
Tightening torque: 1.0~1.2 Nm
3. Remount the earth screw (M6x12).
Tightening torque: 0.5~0.8 Nm



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Illustration 1.2 Frequency Converter without Decoupling Plate



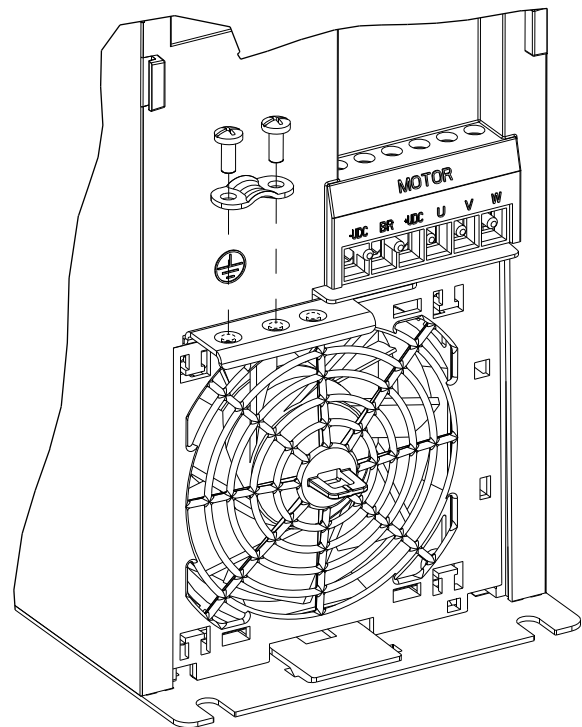
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Illustration 1.3 Frequency Converter with Decoupling Plate

11-22 kW

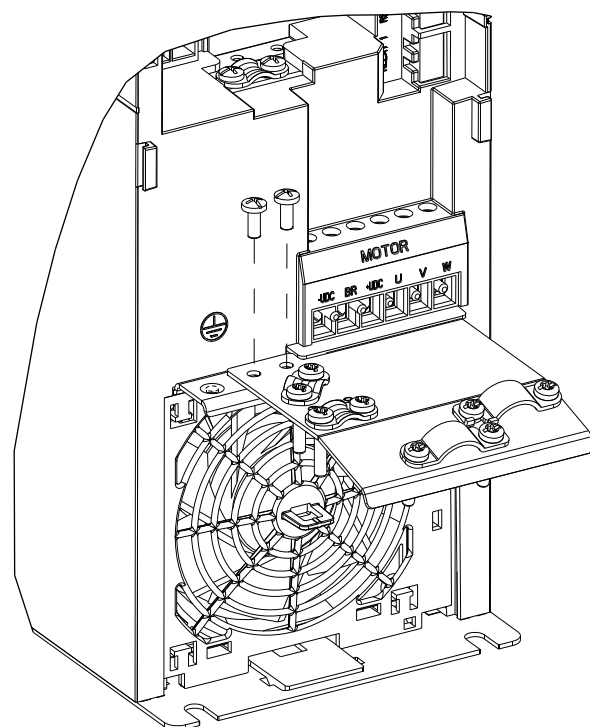
1. Remove the earth plate from the frequency converter (11 kW only).
2. Mount the power decoupling plate on the frequency converter and fasten it with the 2 supplied screws (M4x10).
Tightening torque: 1.0~1.2 Nm

3. Remount the earth screw (M6x12).
Tightening torque: 0.5~0.8 Nm



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Illustration 1.4 Demounting the Earth Plate



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Illustration 1.5 Mounting the Decoupling Plate

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