

Installation Instructions

Decoupling Plate H3

VLT[®] Compressor Drive CDS 803

Item Supplied

- Decoupling plate

Safety

For important information about safety precautions for installation, refer to *VLT[®] Compressor Drive CDS 803 Quick Guide*.

⚠ 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.

1. Stop compressor.
2. Disconnect AC mains, permanent magnet type compressors, and remote DC-link power supplies, including battery back-ups, UPS, and DC-link connections to other frequency converters.
3. Wait for the capacitors to discharge fully, before performing any service or repair work. The waiting time is specified in *Table 1.1*.

Voltage [V]	Cooling capacity [TR]	Minimum waiting time (min)
3x200	4-6.5	15
3x400	4-5	4
3x400	6.5	15

Table 1.1 Discharge Time

Mounting

Step 1

Mount metal plate on frequency converter and fasten with 2 screws.

Tightening torque: 2 Nm.

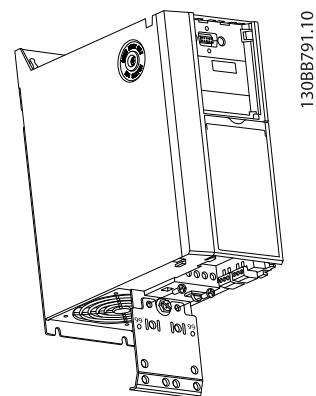


Illustration 1.1 Mounting of Metal Plate

Step 2

Mount bracket on decoupling plate.

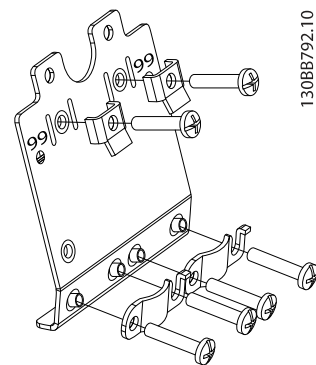


Illustration 1.2 Mounting of Bracket

Step 3

CDS 803 mounted with decoupling plate.

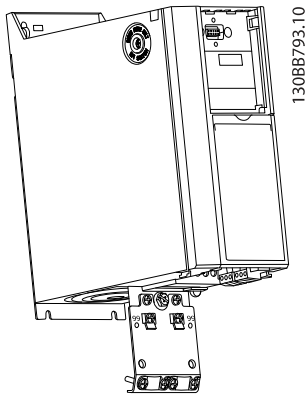


Illustration 1.3 Decoupling Plate Mounted

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