

Decoupling Plate H3

VLT® Compressor Drive CDS 803

1 Introduction

1.1 Order Number for Item Supplied

Table 1: Order Number

Item	Enclosure size	Order number
Decoupling plate	H3	120Z0582

1.2 Safety Precautions

For important information about safety precautions for installation, refer to the VLT® Compressor Drive CDS 803 Operating Guide.

⚠ W A R N I N G ⚠

DISCHARGE TIME

The drive contains DC-link capacitors, which can remain charged even when the drive is not powered. High voltage can be present even when the warning indicator lights are off.

Failure to wait the specified time after power has been removed before performing service or repair work could result in death or serious injury.

- Stop the motor.
- Disconnect AC mains, permanent magnet type motors, and remote DC-link supplies, including battery back-ups, UPS, and DC-link connections to other drives.
- Wait for the capacitors to discharge fully. The minimum waiting time is specified in the table *Discharge time* and is also visible on the nameplate on the top of the drive.
- Before performing any service or repair work, use an appropriate voltage measuring device to make sure that the capacitors are fully discharged.

Table 2: Discharge Time

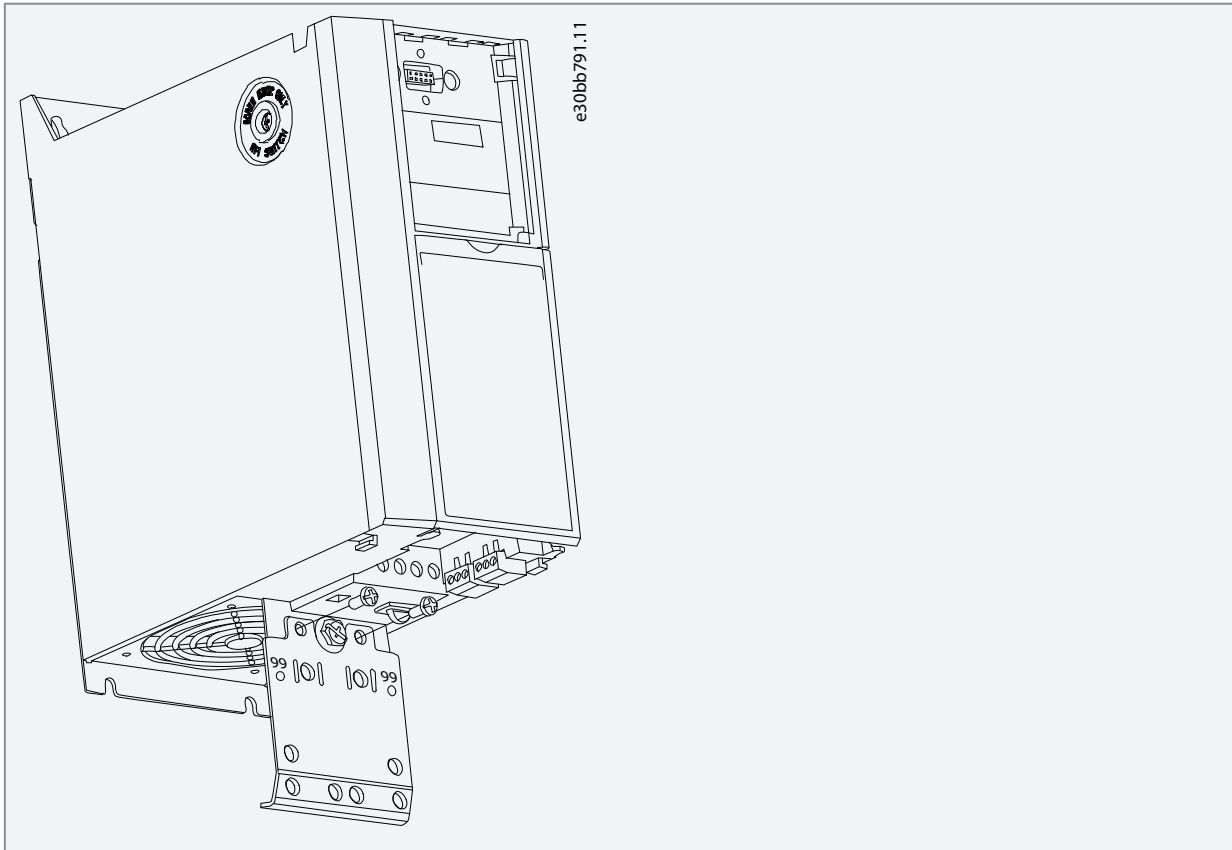
Voltage [V]	Power range [kW (hp)]	Minimum waiting time (minutes)
3x200	6.0–10 (8.0–15)	15
3x400	6.0–7.5 (8.0–10)	4
3x400	10–30 (15–40)	15

2 Installation

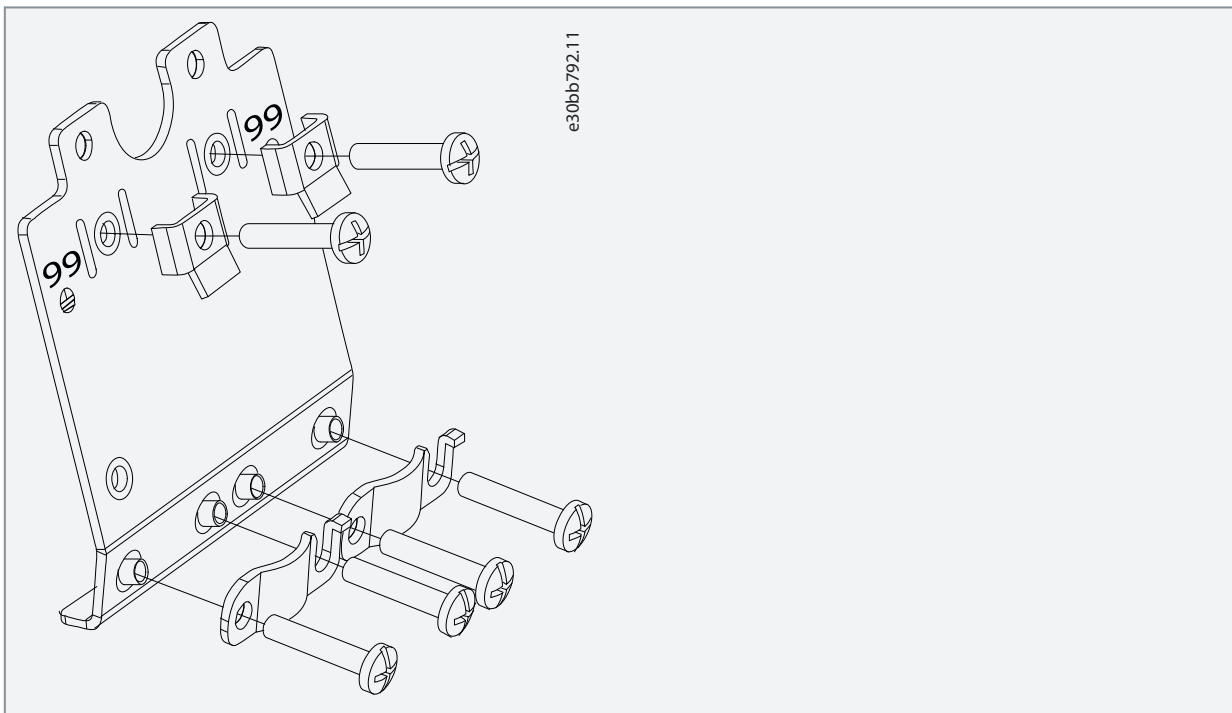
2.1 Mounting the Decoupling Plate

Procedure

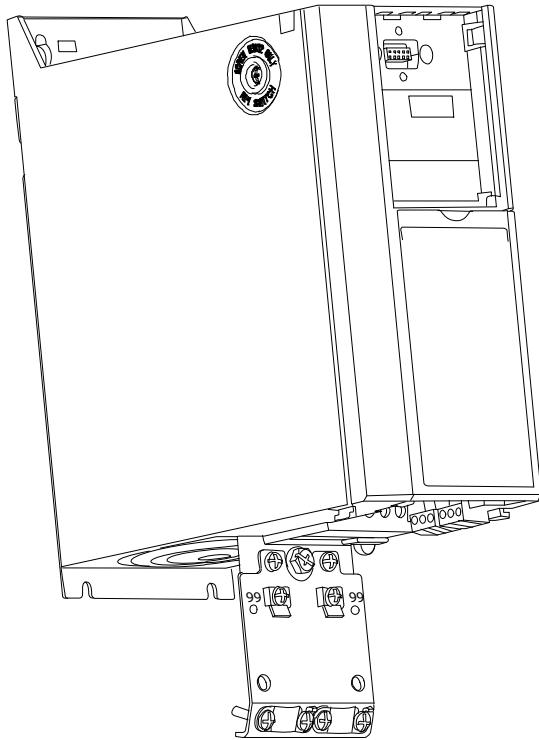
1. Mount the metal plate on the drive and fasten with 2 screws provided. Tightening torque: 2 Nm (17.7 in-lb).



2. Mount the bracket on the decoupling plate.



The decoupling plate is now mounted on the drive.



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