

Decoupling Plate H4–H5

VLT® Compressor Drive CDS 803

1 Introduction

1.1 Order Number for Item Supplied

Table 1: Order Numbers

| Item | Enclosure size | Order number |
|------------------|----------------|--------------|
| Decoupling plate | H4 | 120Z0583 |
| Decoupling plate | H5 | 120Z0583 |

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

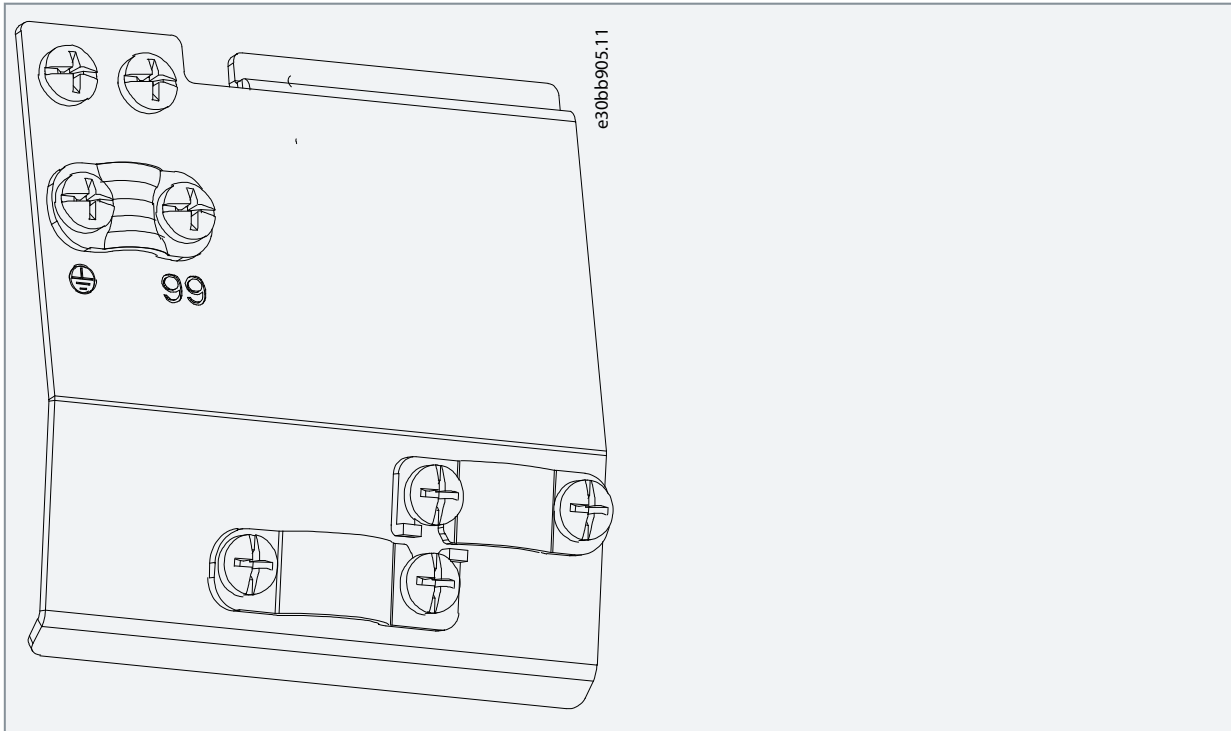
| Voltage [V] | Power range [kW (hp)] | Minimum waiting time (minutes) |
|-------------|-----------------------|--------------------------------|
| 3x200 | 6.0–10 (8.0–15) | 15 |
| 3x400 | 6.0–7.5 (8.0–10) | 4 |
| 3x400 | 10–30 (15–40) | 15 |

2 Installation

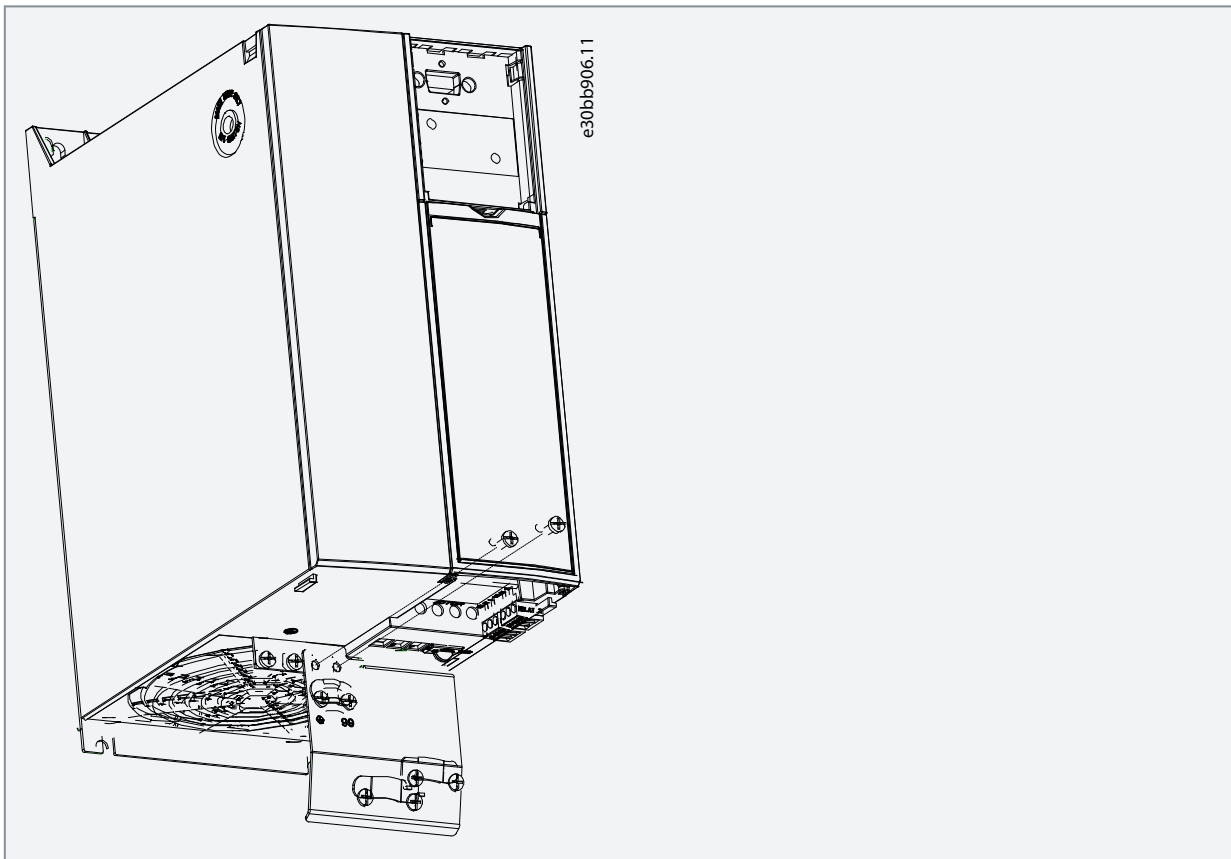
2.1 Mounting the Decoupling Plate

Procedure

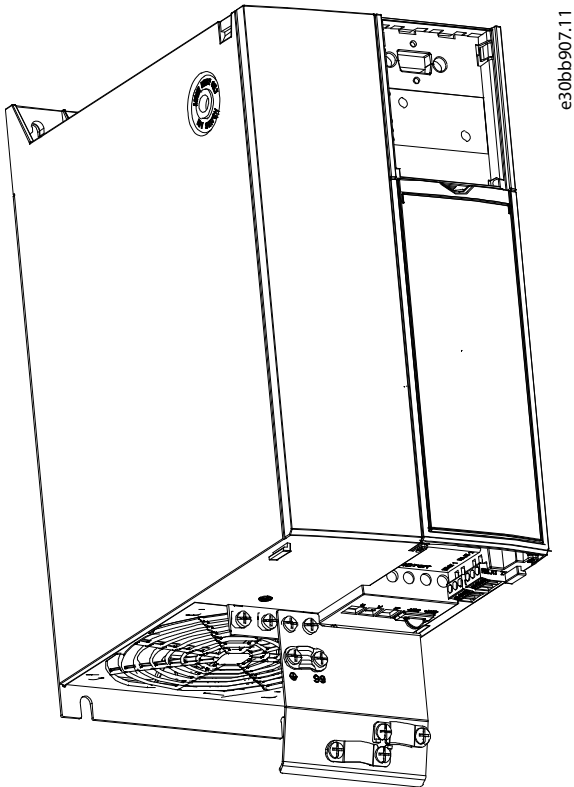
1. Mount the brackets and screws provided on the decoupling plate.



2. Mount the decoupling kit on the drive and fasten it with the 2 screws provided. Tightening torque: 2 Nm (17.7 in-lb).



The decoupling plate is now mounted on the drive.



Danfoss A/S
Ulsnaes 1
DK-6300 Graasten
vlt-drives.danfoss.com

.....
Danfoss can accept no responsibility for possible errors in catalogs, brochures, and other printed material. Danfoss reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without subsequential changes being necessary in specifications already agreed. All trademarks in this material are property of the respective companies. Danfoss and the Danfoss logotype are trademarks of Danfoss A/S. All rights reserved.
.....

