



Danfoss FC 360 Front Cover Installation Guide

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Danfoss FC 360 Front Cover



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Description

This installation guide explains how to replace the front cover for enclosure sizes J6–J7 of VLT® Automation Drive FC 360.

Items Supplied

Table 1: Items Supplied

Description	Code number
Front cover for enclosure size J6 (Metal version)	132B0296
Front cover for enclosure size J6 (Plastic version)	132B2184
Front cover for enclosure size J7	132B0314

Tools Required

- Screwdrivers (Flat-edged/T10/T20/T25/T30).
- N8 socket wrench.
- N10 socket wrench.
- N5 Allen key.

Safety Precautions

Only qualified personnel are allowed to install the item described in this installation guide.
For important information about safety precautions for installation, refer to the drive's operating guide.



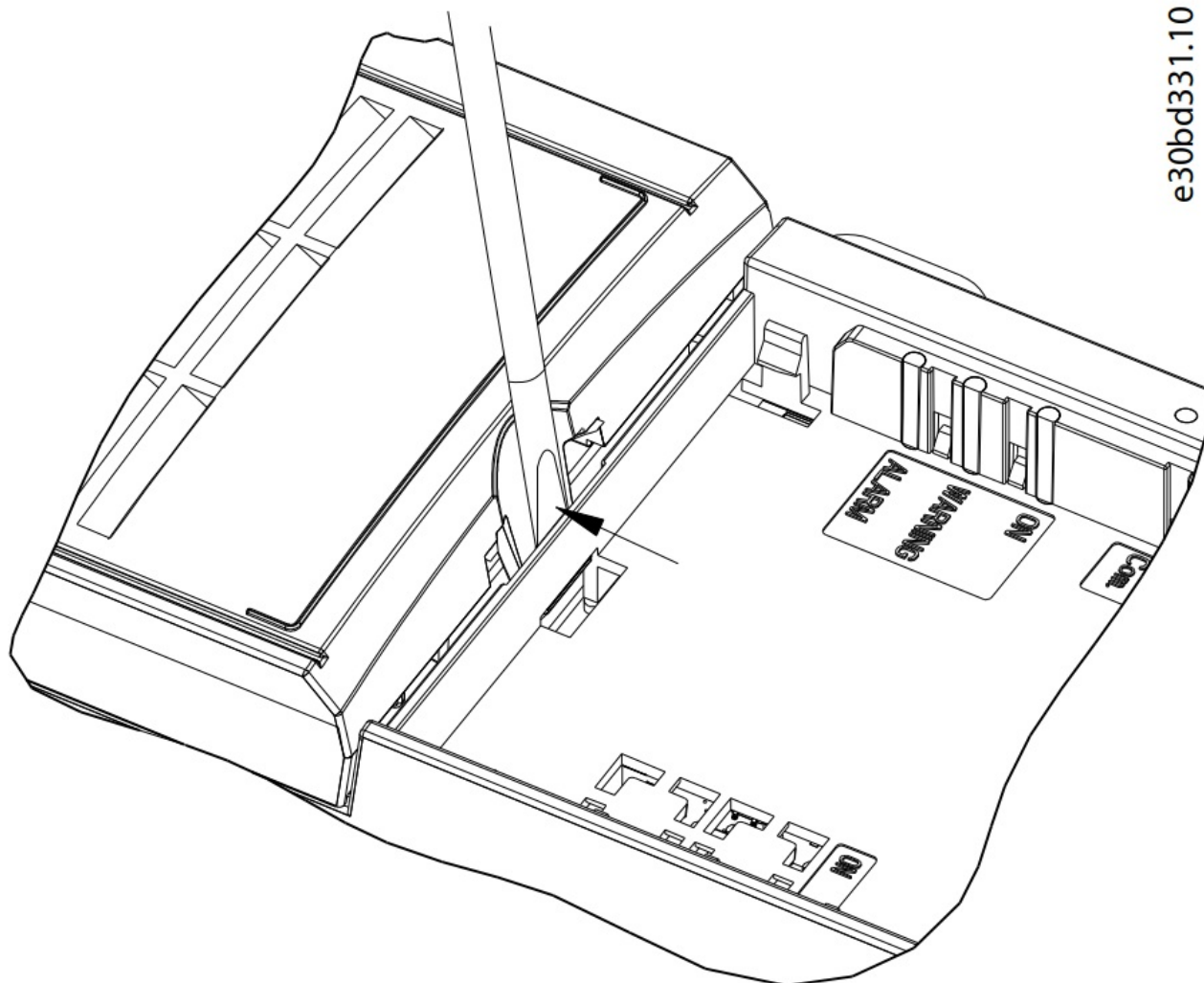
 WARNING	
	<p>DISCHARGE TIME</p> <p>The drive contains DC-link capacitors, which can remain charged even when the drive is not powered. High voltage can be present even when the warning indicator lights are off. Failure to wait the specified time after power has been removed before performing service or repair work could result in death or serious injury.</p> <ul style="list-style-type: none">• 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)
380–480	0.37–7.5 (0.5–10)	4
380–480	11–90 (15–125)	15

Replacing the Front Cover

1. Remove the LCP (local control panel) with a flat-edged screwdriver (accessed from the top).
2. Push down the lock lever with a flat-edged screwdriver and lift the plastic cover. Remove the plastic cover beneath the LCP.



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Figure 1: Remove Plastic Cover

3. Remove the 4 screws (T20, M4x10 for J6 and M5x12 for J7) that fasten the front cover to the base plate.

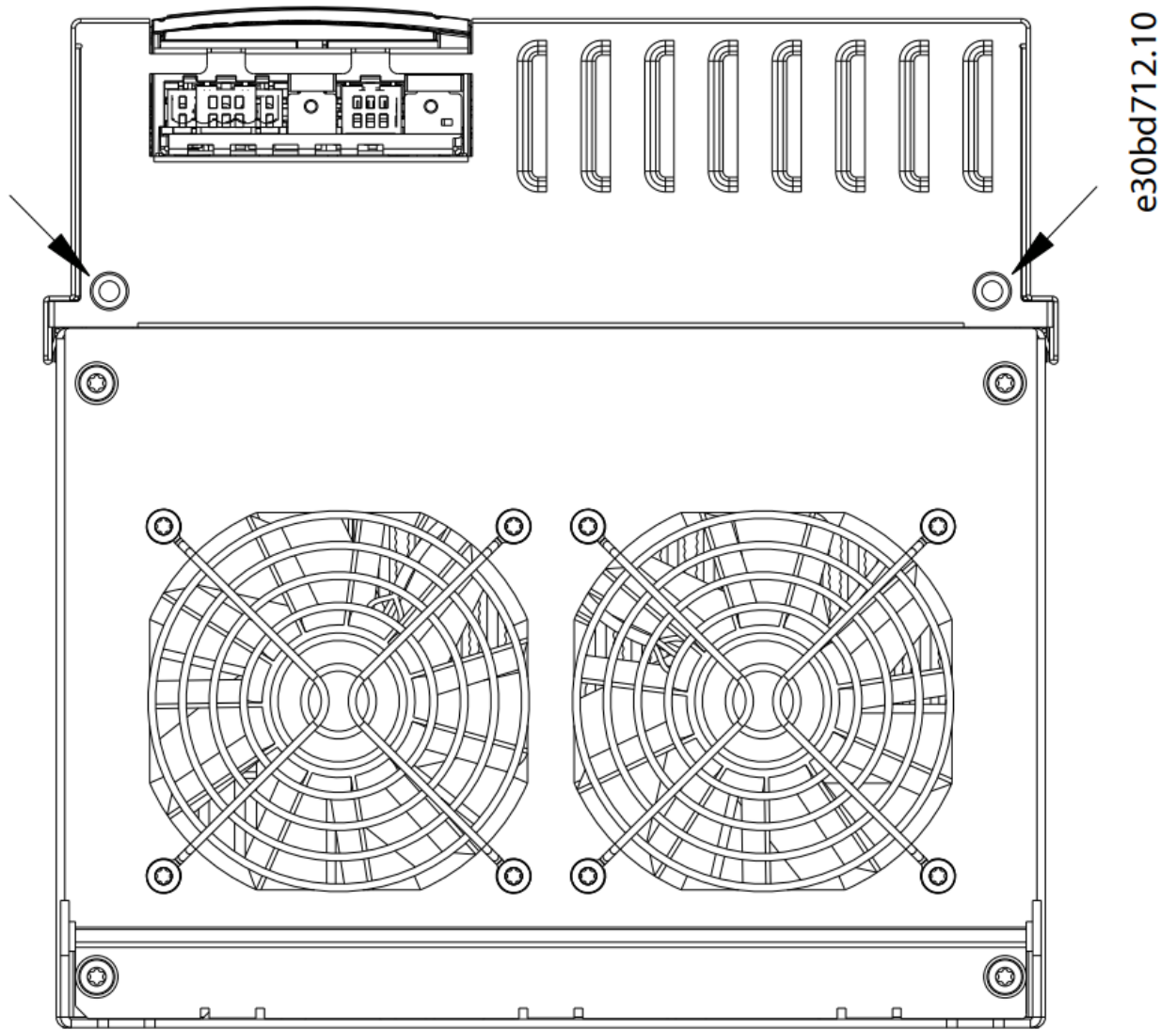
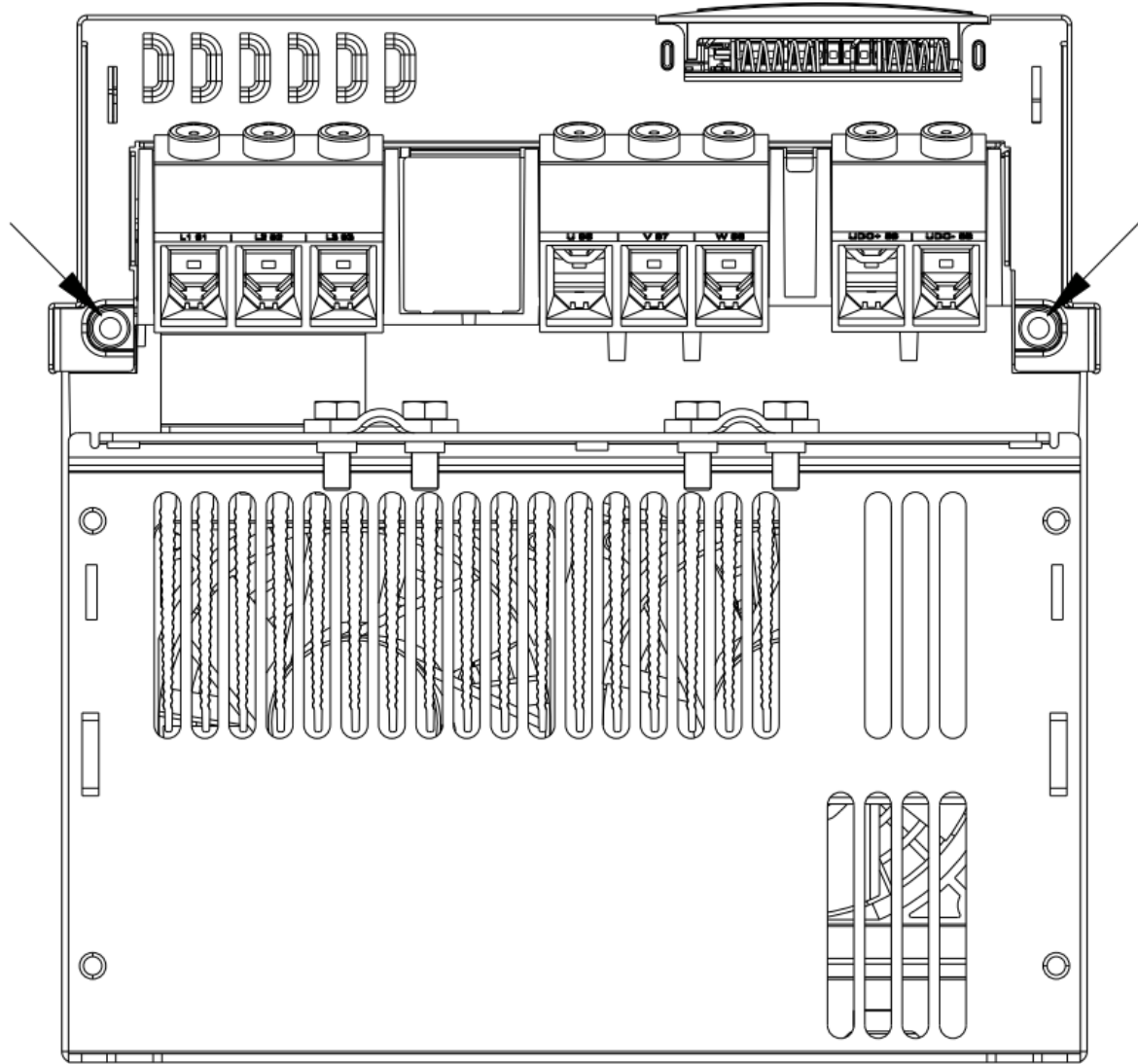


Figure 2: Location of Screws on Top Plate (Taking J6 as an Example)



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Figure 3: Location of Screws on Base Plate (Taking J6 as an Example)

4. Remove the 2 screws on the I/O decoupling plate.

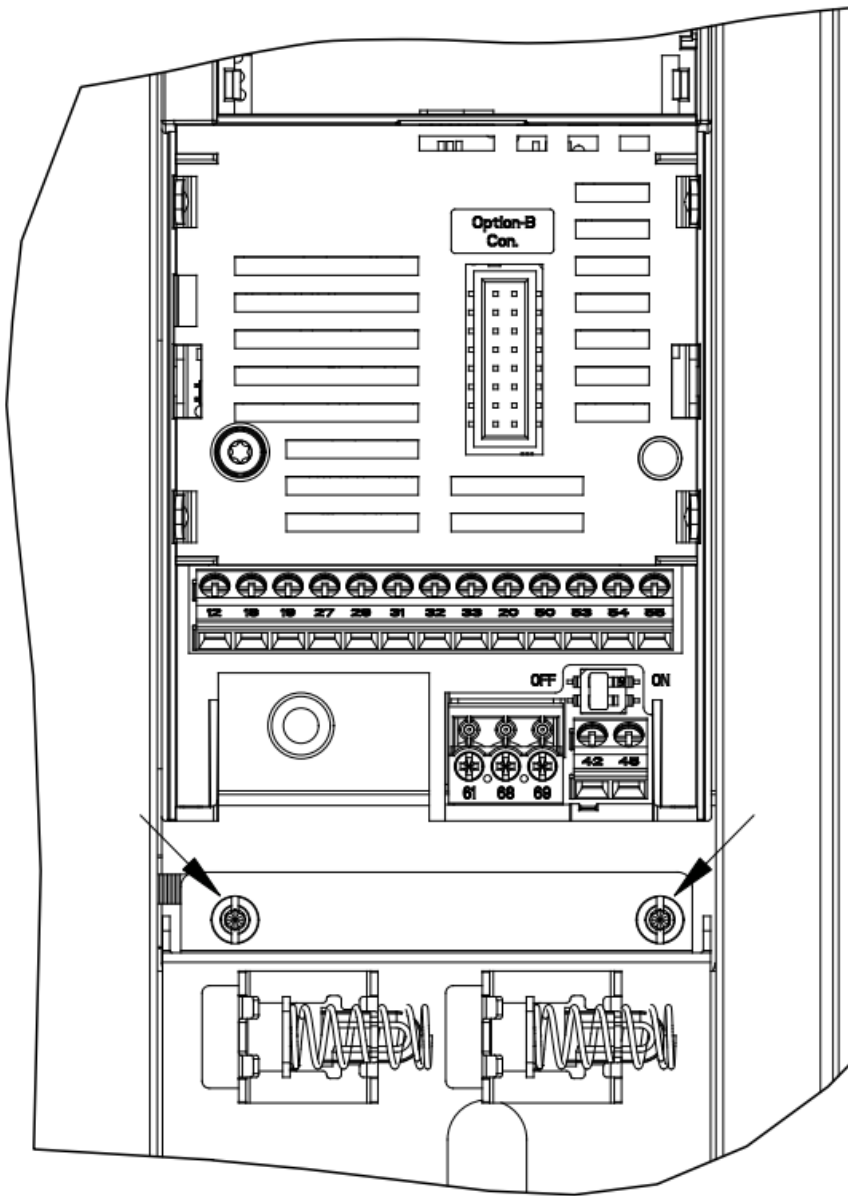


Figure 4: Screws on the I/O Decoupling Plate for Enclosure Size J6

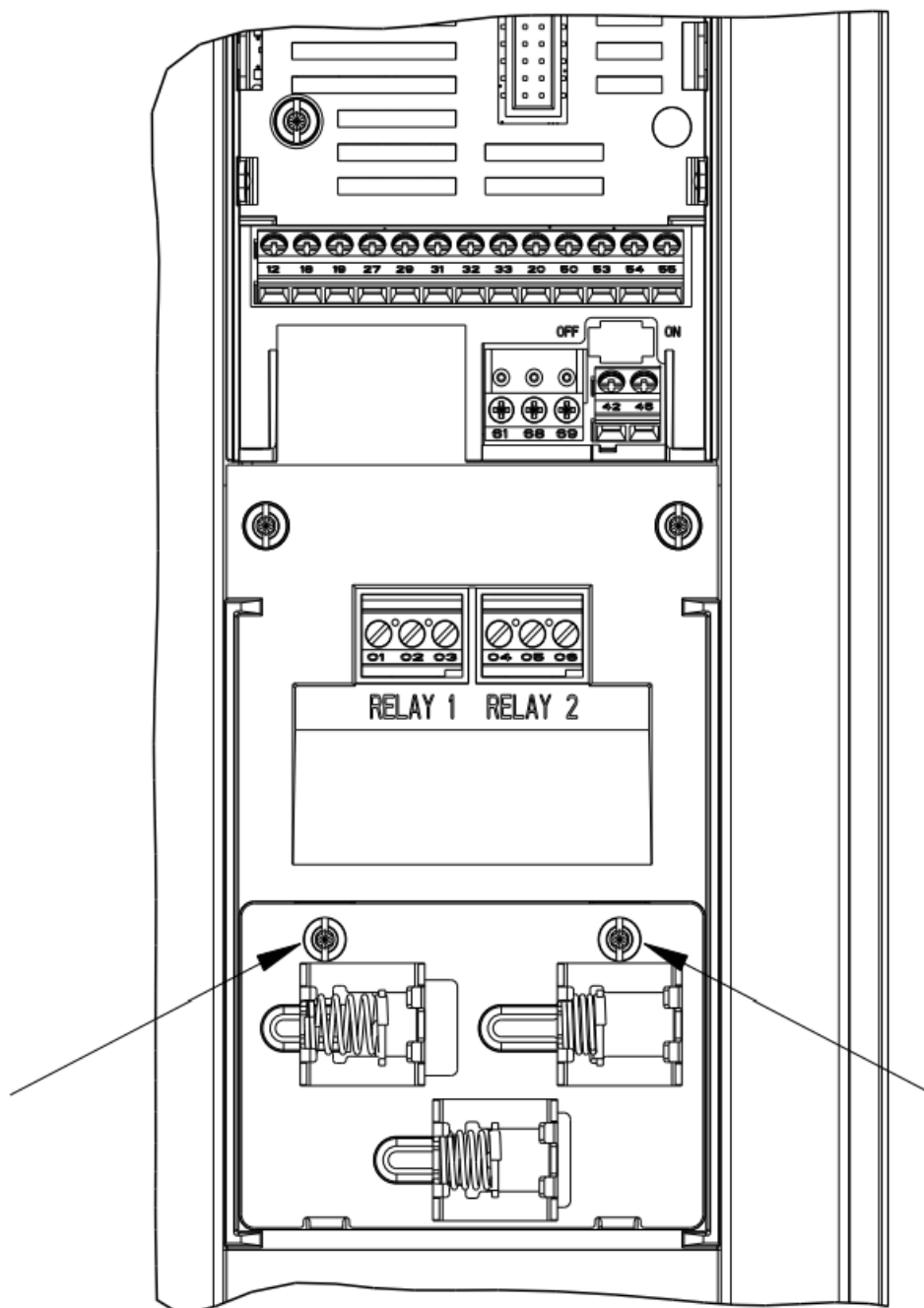


Figure 5: Screws on the I/O Decoupling Plate for Enclosure Size J7

5. Remove the front cover, and install a new front cover in reverse order.

Any information, including, but not limited to information on selection of product, its application or use, product design, weight, dimensions, capacity or any other technical data in product manuals, catalog descriptions, advertisements, etc. and whether made available in writing, orally, electronically, online or via download, shall be considered informative, and is only binding if and to the extent, explicit reference is made in a quotation or order confirmation. Danfoss cannot accept any responsibility for possible errors in catalogs, brochures, videos and other material. Danfoss reserves the right to alter its products without notice. This also applies to products ordered but not delivered provided that such alterations can be made without changes to form, fit or function of the product. All trademarks in this material are property of Danfoss A/S or Danfoss group companies. Danfoss and the Danfoss logo are trademarks of Danfoss A/S. All rights reserved.

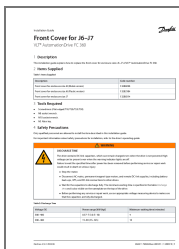
Customer Support



drives.danfoss.com



Documents / Resources



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FC 360, FC 360 Front Cover, Front Cover, Cover

References

- [🌐 Global AC drive manufacturer - Danfoss Drives | Danfoss](#)
- [User Manual](#)

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