



Danfoss DPD01616 VACON NX Door Keypad Mounting Kit Installation Guide

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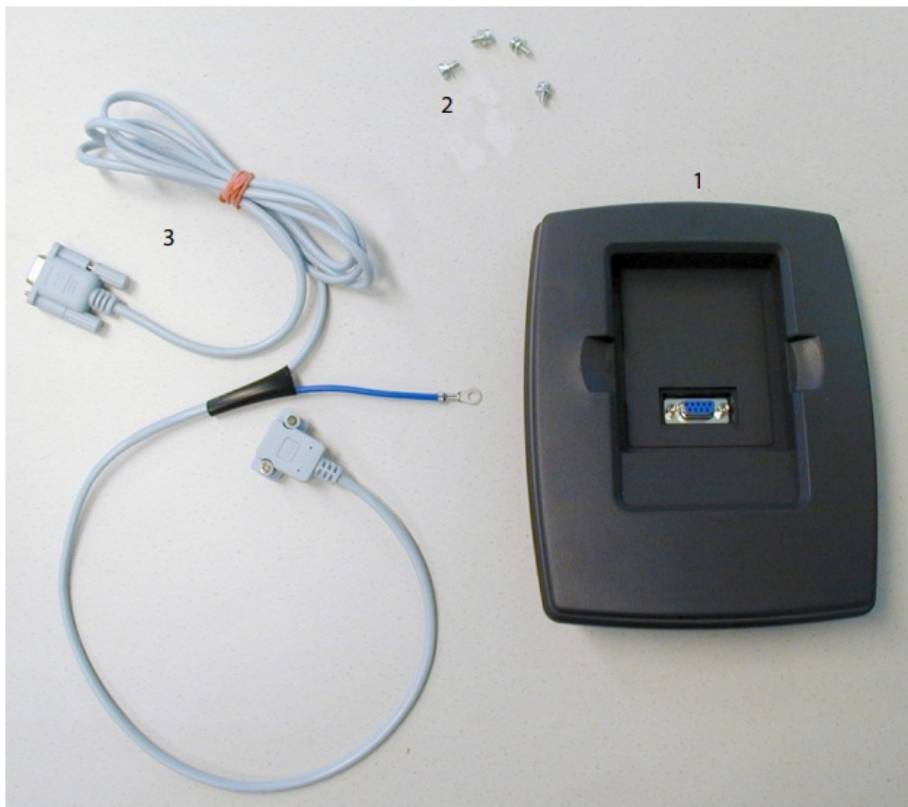
Mounting Instructions

Introduction

The Door Keypad Mounting Kit is used for standard control keypad purposes and it is installed on the door of a switchgear cabinet.

For the installation of VACON® NX Door Keypad Mounting Kit, you need the parts as shown in Illustration 1 and tools to make the opening for the keypad and holes for the screws in the cabinet door.

Illustration 1: Parts of VACON® NX Door Keypad Mounting Kit



1. Door Keypad Mounting Kit
2. 4 screws (M4x8-DIN6900-3-Combi-Delta-TX 8.8), attached to the Door Keypad Mounting Kit
3. Connection Cable (VACON)

NOTE! Make sure that you have received all the necessary parts.

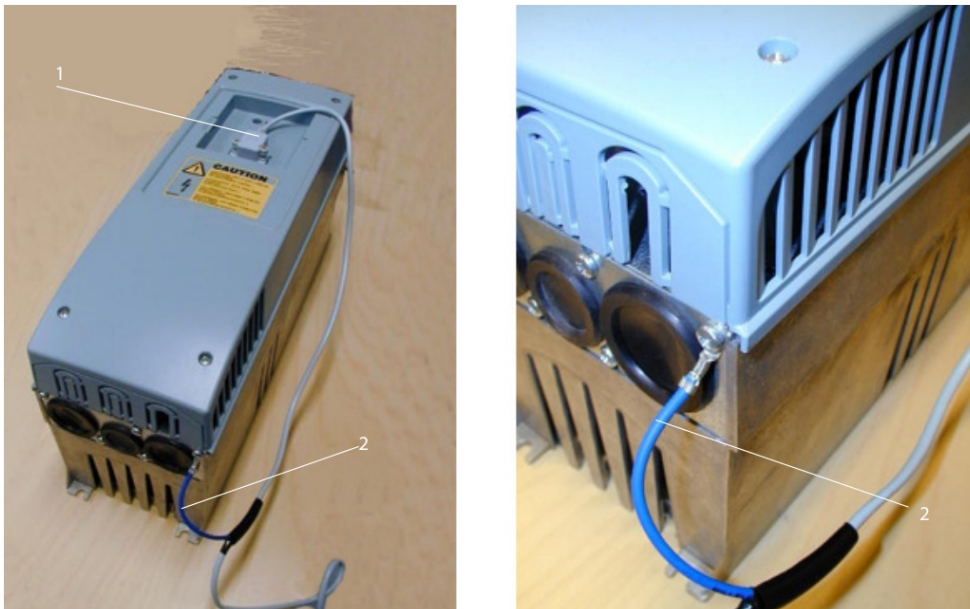
Mounting Procedure

Follow the instructions to install Door Keypad Mounting Kit for VACON® NX AC Drives.

Procedure

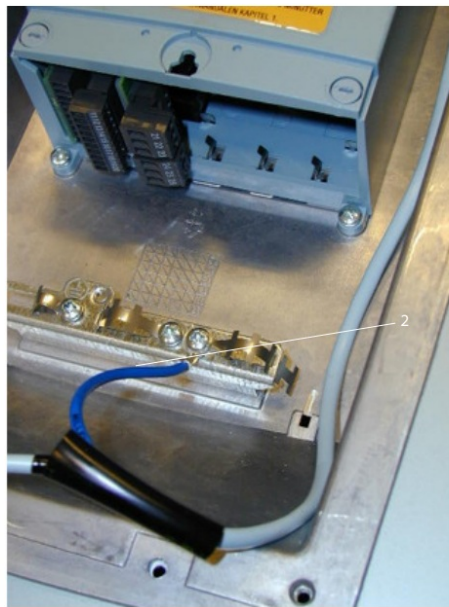
1. Make an opening in the cabinet door for the control keypad using the keypad dimensions (real scale) in Illustration 5. The dimensions of the opening must be 144 (±3) mm *115(±3) mm.
2. Make the holes for the screws (M4*4) using the real scale dimensions of Illustration 5.
3. Place the control keypad in the opening so that the screw holes made in the cabinet door meet the bushings on the backside of the control keypad.
4. Fix the control keypad on the cabinet door by tightening the screws. The tightening torque is 1.5 Nm.
5. Connect the VACON cable to the terminal of the control keypad. See Illustration 2 and Illustration 3 below.
6. Attach the grounding cable. See Illustration 2 and Illustration 3 below.
7. In FR8, make a sufficiently wide opening for the grounding cable by cutting the grid of the cable cover as wide as necessary. Attach the cable cover. See Illustration 4 below.
8. VACON® NX Door Keypad Mounting Kit is now ready to use.

Illustration 2: Connection of VACON cable and the grounding cable, FR4-FR7



1. VACON cable
2. Grounding cable

Illustration 3: Connection of VACON cable and the grounding cable, FR8



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1. VACON cable
2. Grounding cable

Illustration 4: Attach the cable cover after connecting the grounding cable, FR8



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1. Cable cover

Illustration 5: Door Keypad Mounting Kit, Dimensions in mm(Real Scale)

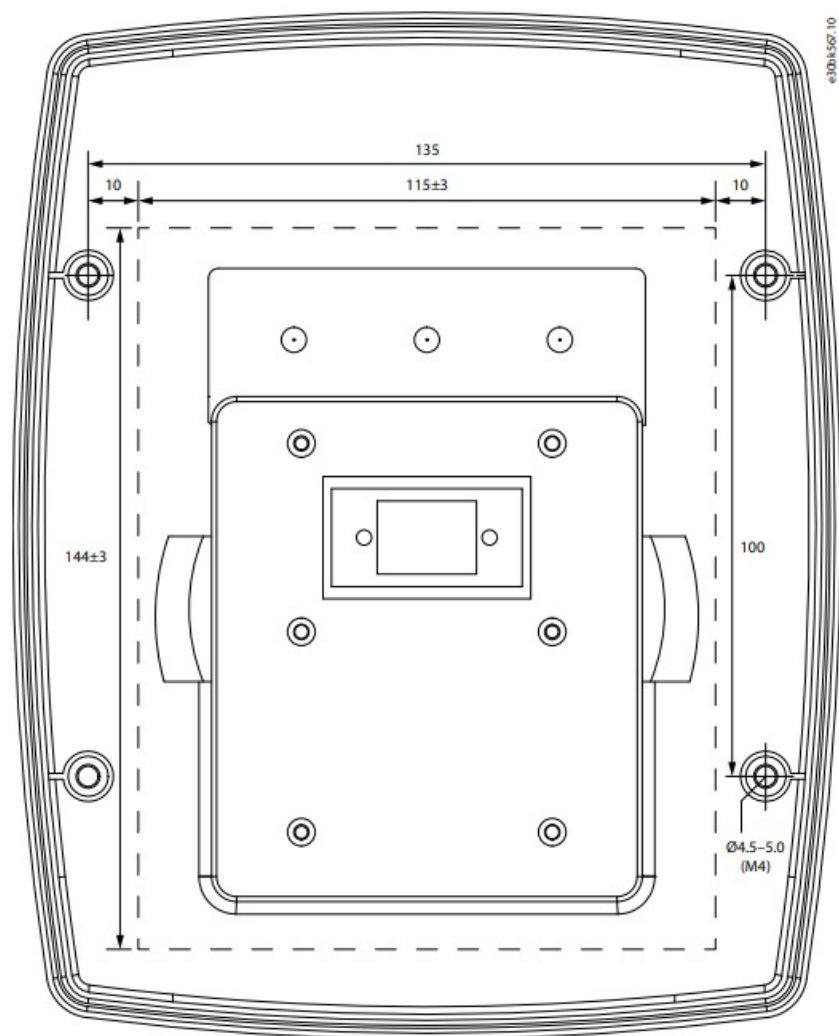
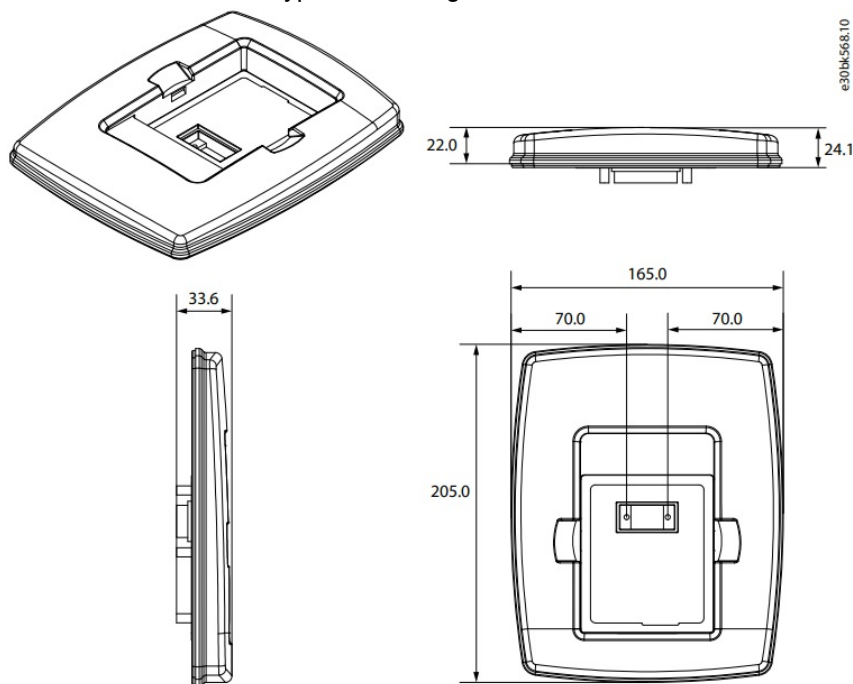


Illustration 6: Door Keypad Mounting Unit, Dimensions in mm




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Documents / Resources

	<p>Danfoss DPD01616 VACON NX Door Keypad Mounting Kit [pdf] Installation Guide DPD01616 VACON NX Door Keypad Mounting Kit, DPD01616, VACON NX Door Keypad Mounting Kit, Door Keypad Mounting Kit, Keypad Mounting Kit, Mounting Kit</p>
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References

-  [Engineering Tomorrow | Danfoss](#)
- [User Manual](#)

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