

VACON® NX Door Keypad Mounting Kit

1 Introduction

The VACON® NX Door Keypad Mounting Kit is used with the standard control panel and it is installed on the door of a switchgear cabinet. All the parts required to install the mounting kit are included in the delivery. Tools are needed to make the opening for the keypad and holes for the screws in the cabinet door.

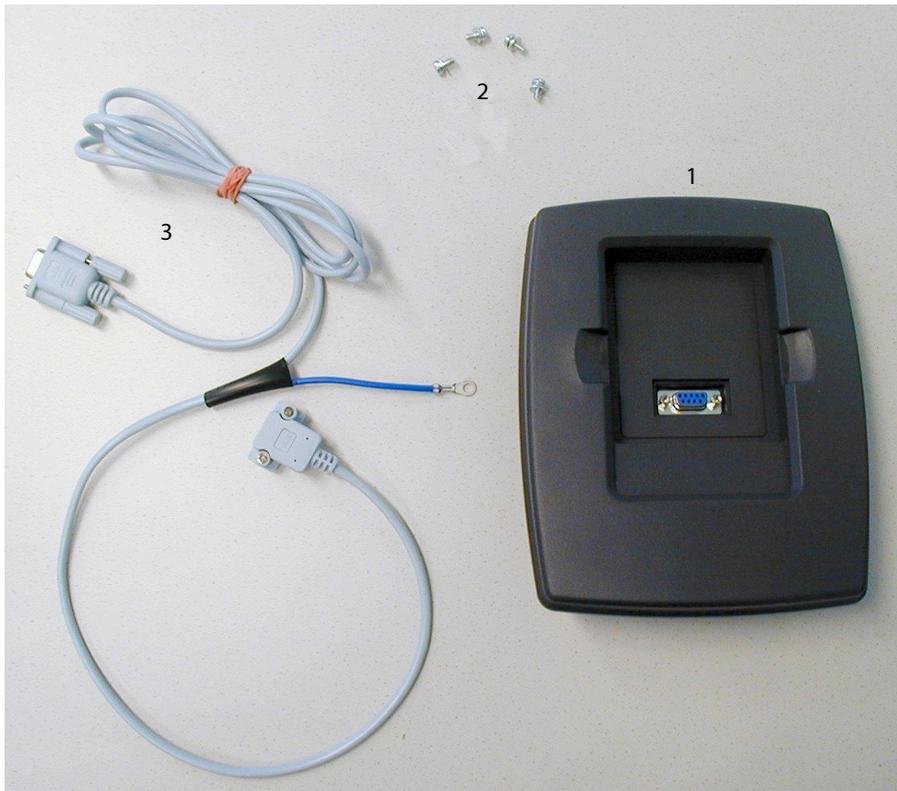


Figure 1: Contents of the VACON® NX Door Keypad Mounting Kit

1	Door keypad	2	4 screws (M4x8-DIN6900-3-Combi-Delta-TX 8.8), attached to the keypad
3	VACON® connection cable		

NOTE! Make sure that all the necessary parts are included in the delivery.

2 Mounting Procedure

To install the Door Keypad Mounting Kit for VACON® NX drives, follow these instructions.

1. Make an opening in the cabinet door for the door keypad using the keypad dimensions (real scale) in [Figure 6](#). The dimensions of the opening must be 144 (±3) mm x 115 (±3) mm.
2. Make the holes for the screws (M4x4) using the real scale dimensions of [Figure 6](#).
3. Place the door keypad in the opening so that the screw holes made in the cabinet door meet the bushings on the backside of the door keypad.
4. Fix the door keypad on the cabinet door by tightening the screws. The tightening torque is 1.5 Nm.
5. Connect the VACON® connection cable to the control panel terminal on the drive. See [Figure 2](#) and [Figure 3](#).
6. Attach the grounding cable to the drive. See [Figure 2](#) and [Figure 3](#).

- 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 [Figure 4](#).
- The VACON® NX Door Keypad Mounting Kit is now ready to use.

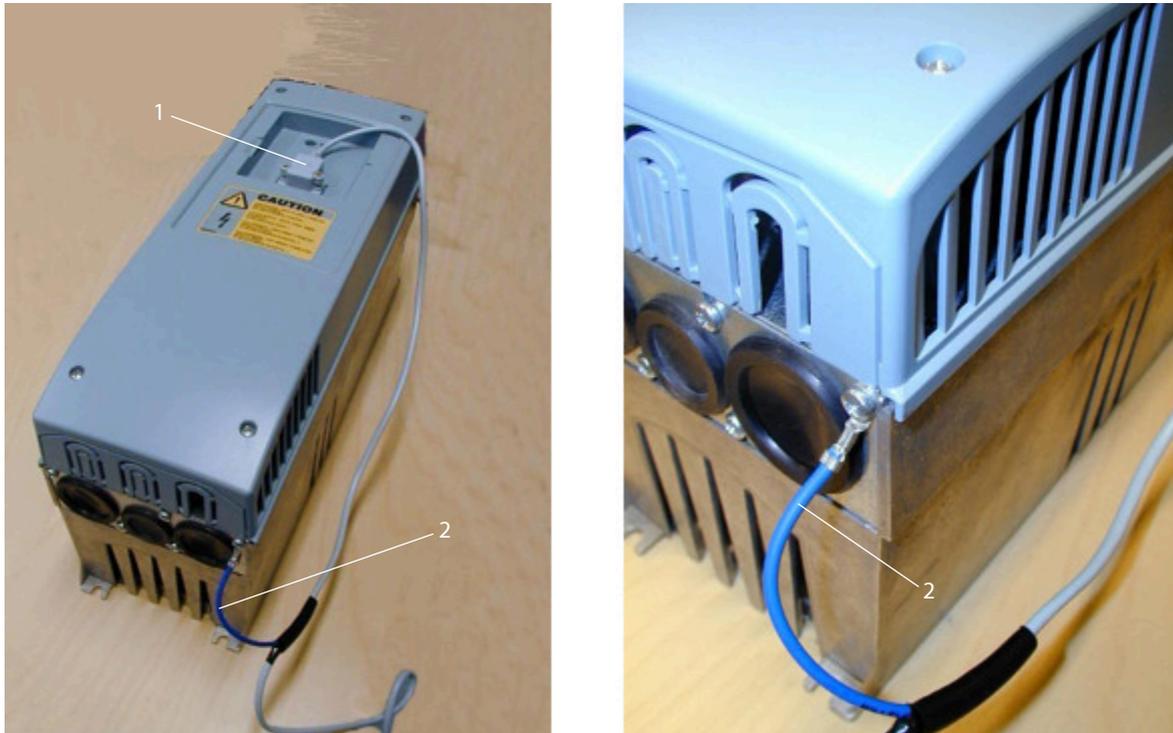
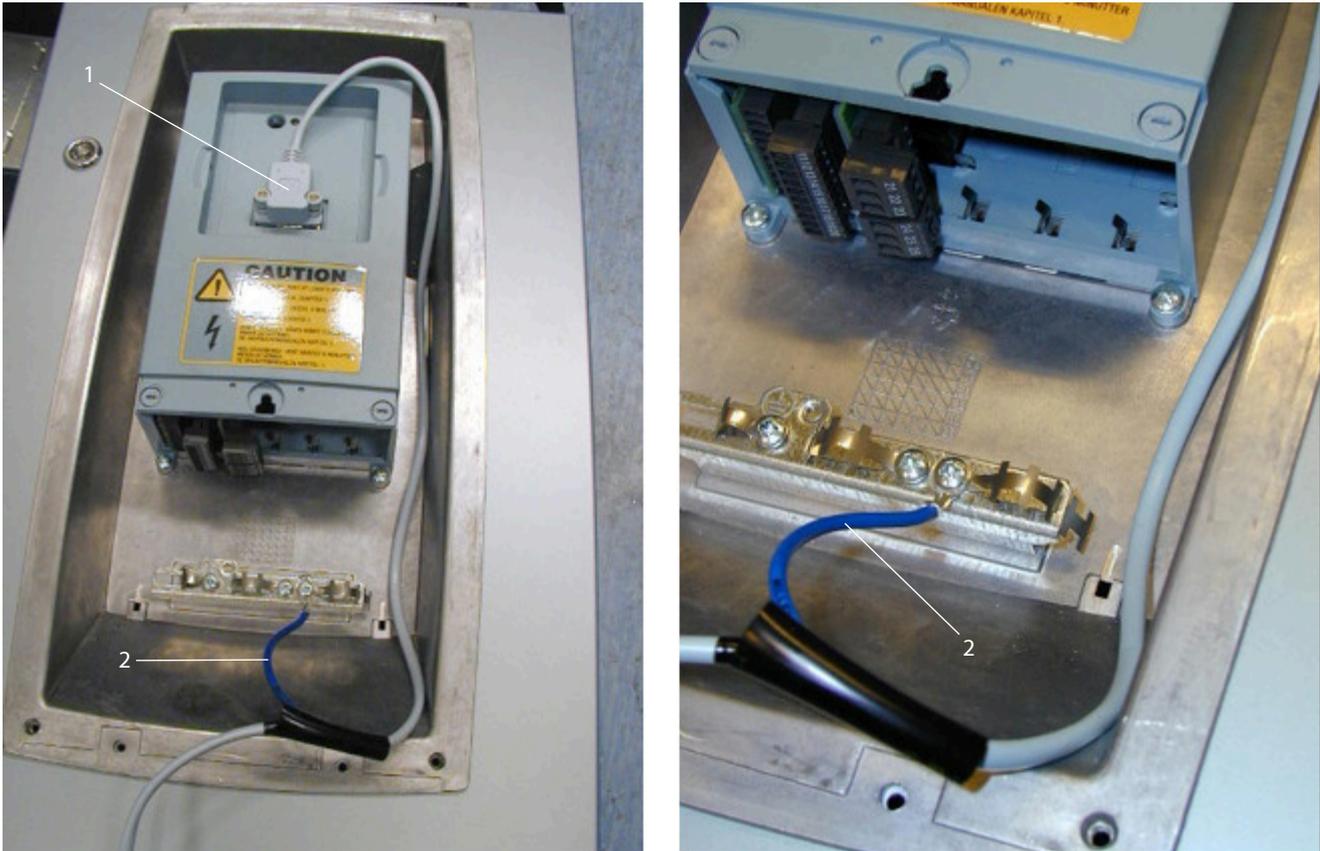


Figure 2: Connecting the VACON® Connection Cable and the Grounding Cable, FR4-FR7

1	VACON® connection cable	2	Grounding cable
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Figure 3: Connecting the VACON® Connection Cable and the Grounding Cable, FR8

1 VACON® connection cable

2 Grounding cable



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Figure 4: Attaching the Cable Cover After Connecting the Grounding Cable, FR8

1 Cable cover

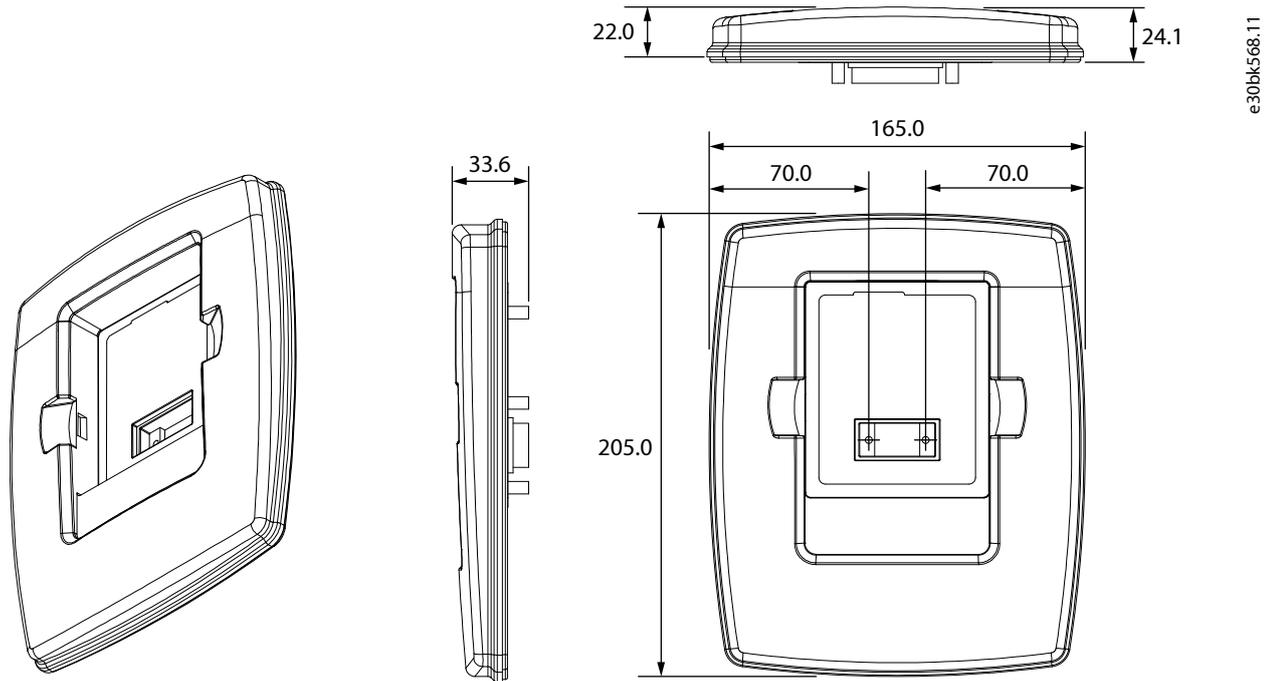


Figure 5: Door Keypad Mounting Kit, Dimensions in mm

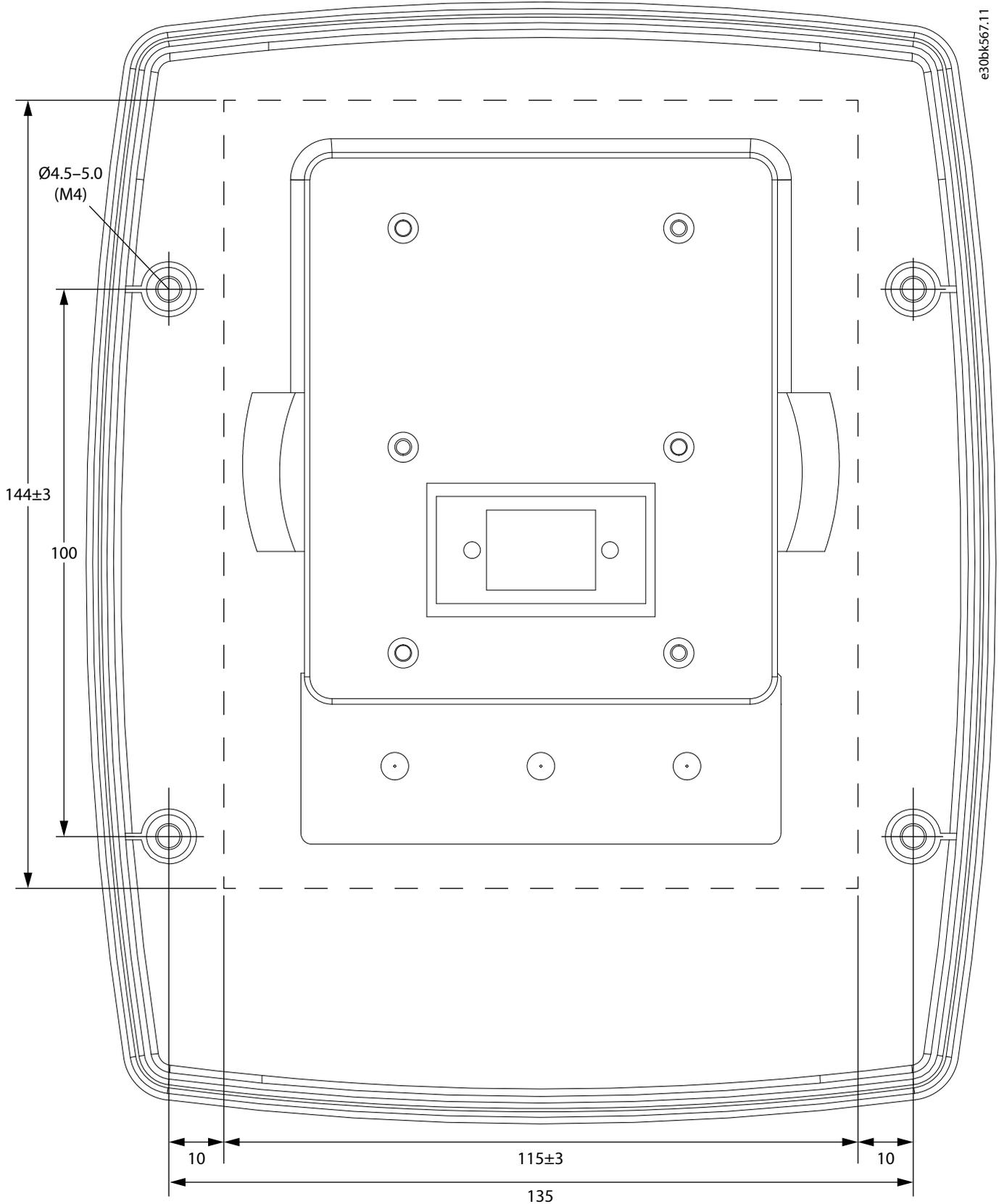


Figure 6: Door Cutout and Screw Hole Dimensions for the Door Keypad Mounting Kit, Dimensions in mm (Real Scale)



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