MOUNTING OF CABLE ACCESSORIES
FR4-FR8 AND MF4-MF6
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1. **FR4-FR6 AND MF4-MF6 CABLE ACCESSORIES**

Enclosed to your VACON® NX or NXL AC drive you have received a plastic bag containing components that are needed for the installation of the mains and motor cables in the AC drive.

### 1.1 Accessories Bag Contents

![Diagram of cable accessories](image)

**Figure 1. The cable accessories for FR4-FR6 and MF4-MF6**

**Components:**
1. The grounding terminals (FR4, FR5/MF4, MF5), 2 pieces
2. The grounding clamps for control cable, 3 pieces
3. The rubber grommets (sizes vary from class to class), 3 pieces
4. The cable entry flange
5. Screws, M4x10, 5 pieces
6. Screws, M4x16, 3 pieces
7. The grounding clamps for grounding conductor (FR6, MF6), 2 pieces
8. The grounding screws M5x16 (FR6, MF6), 4 pieces

**NOTE!** The cable accessories installation kit for AC drives of protection class IP54 includes all components except 4 and 5.
## 1.2 Mounting the Accessories

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| 1 | Make sure that the plastic bag you have received contains all necessary components.  
Open the cover of the AC drive.   |
| 2 | Remove the cable cover. See the locations for:   
1. the grounding terminals (FR4/FR5; MF4/MF6).   
2. the grounding clamps for grounding conductor (FR6/MF6).  |

*Figure 2.*

*Figure 3.*
Attach again the cable cover. Attach the grounding clamps for control cable with 3 pieces of M4x16 screws.

**NOTE!** The location of the grounding bar in FR6/MF6 is different from the picture.

Figure 4.

Put the rubber grommets in the openings.

Figure 5.

Attach the cable entry flange to the frame of the AC drive with 5 pieces of M4x10 screws. Close the cover of the AC drive.

Figure 6.
2. FR7 AND FR8 CABLE ACCESSORIES

Enclosed to your VACON® NX AC drive you have received a plastic bag containing components that are needed for the installation of the mains and motor cables in the AC drive.

2.1 ACCESSORIES BAG CONTENTS

Components:
1. Screws, M4x16, 3 pieces
2. The grounding clamps for control cable, 3 pieces
3. The rubber grommets GD21 (FR7 IP54), 3 pieces / (FR8), 6 pieces
4. The rubber grommets GDM36 (FR7), 3 pieces

Figure 7. The cable accessories for FR7 and FR8

Local contacts: http://drives.danfoss.com/danfoss-drives/local-contacts/
### 2.2 Mounting the Accessories

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<td>1</td>
<td>Make sure that the plastic bag you have received contains all necessary components.</td>
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<tr>
<td>2</td>
<td>Open the cover of the AC drive.</td>
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| 3 | Attach the grounding clamps for control cable on the grounding level with M4x16 screws:  
   1. FR7 standard,  
   2. FR7 profibus,  
   3. FR8 standard,  
   4. FR8 profibus. |

![Figure 8.](http://drives.danfoss.com/danfoss-drives/local-contacts/)
Put the rubber grommets in the openings:
1. FR7 IP21,
2. FR7 IP54,
3. FR8.
See also Figure 5 on page 6 for how to place the grommets correctly.

**Figure 9.**

Close the cover of the AC drive.