

assembling instructions  
**Frequency converter  
VAU4/3 with adapter**

(order no. 59630241115 / standard)

**Version 1.3**

### 1) Assembling the adapter and frequency converter

Connect the cables WN 211-102 and WN 211-103 to the frequency converter plug (order no. 76931026000) as shown in figure 1.

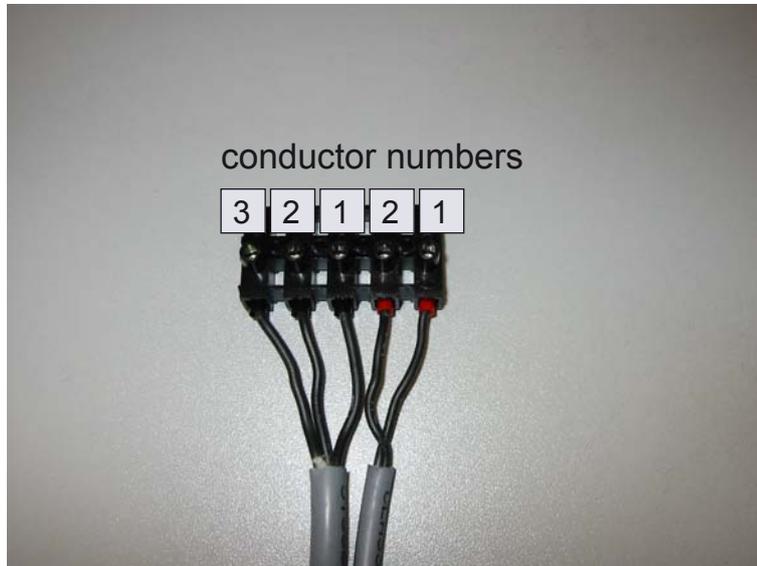


figure 1

Next, fasten the assembled cabling to the adapter plate (order no. 00360341100) using two M3 screws (order no. 94630400000) as shown in figure 2.

**Note:** Using the adapter plate will increase the entire height by 4cm.



figure 2

Affix the seal between the adapter and motor (figure 3) as shown for VAU4/2.

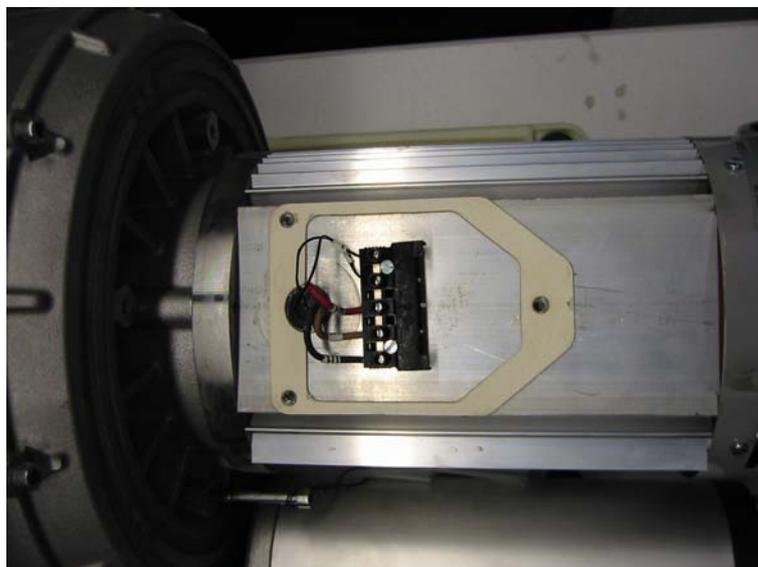


figure 3

Carefully place the adapter plate and cabling onto the motor and fasten them using the three M5 screws (order no. 94530800000) as shown in figure 4.

When placing the adapter plate onto the motor, ensure that the converter jack and motor plug mate together properly.

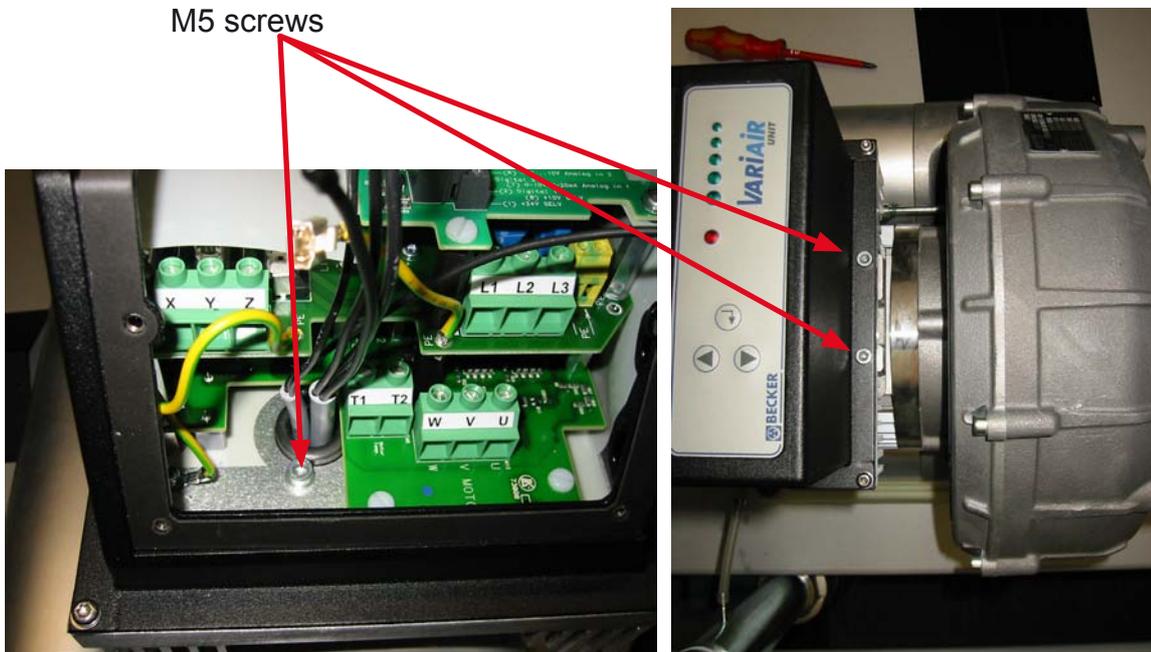
Furthermore, be sure not to damage the motor cable.



figure 4

Carefully fit the converter onto the adapter from the wheel side. Use the rear aligning pin as a limit stop to position the converter properly.

Feed both cables through the cable bushing. Slowly lower the converter. Using the three M5 screws (order no. 94531500000), fasten the converter to the adapter plate (figures 5 and 6).



M5 screws

figures 5 + 6

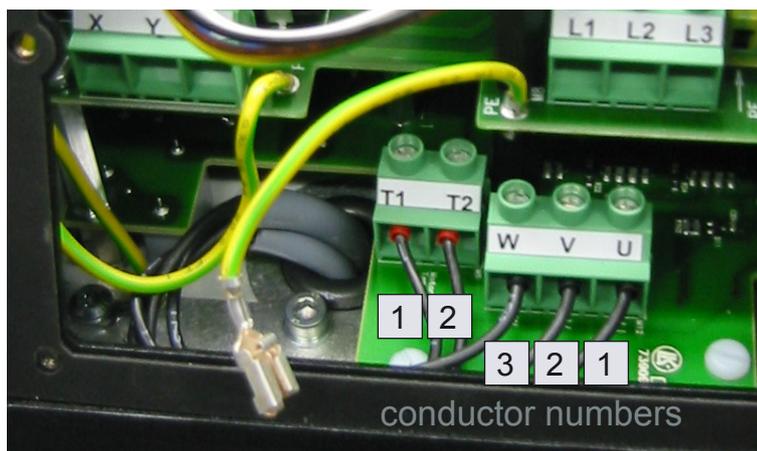


figure 7

Connect the cables as shown in figure 7.

When assembling the cover, make sure that the ground cable is connected to the cover.

## 2) Assembling the bus component

(only when specified on the equipment)

The CANopen module (order no. 76930354000) is installed at the position as shown in figure 8.

To install the module, place it carefully onto the socket guide (figure 9) until it reaches the limit stop. Finally, tighten the module using the two bolts (figure 10).



figures 8 + 9 + 10

To install the mounted connector (order no. 74200870000), first remove the threaded connection on the left (figure 11).

Screw the installation plug now into the enclosure from the outside.

**Warning:** Do not forget the sealing ring under the installation plug!



figures 11 + 12

Shorten the length of the connector so that you can easily reach the CANOpen module.  
Strip the cable ends, **tin the wire ends** and connect to the module without the wire end ferrules as shown in figure 13.



figure 13



**Note**

The cable ends may be stripped only very short. (**Do not forget the tinning!**).  
The screws should be tightened very carefully but firmly nevertheless. (figure 14)



figure 14

Mount the lid - finished! (figure 15)

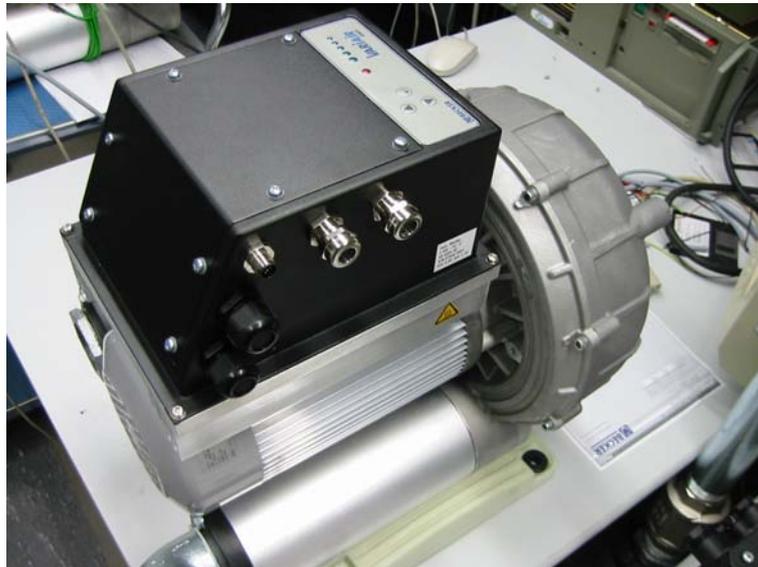


figure 15

### 3) Configuration

To configure the converter, use KombiTool 6.2 in the accustomed manner. You only have to load one description file and create one new text file. The data line is connected to terminals 4 (RS485 A) 5 (RS485 B) of the converter.