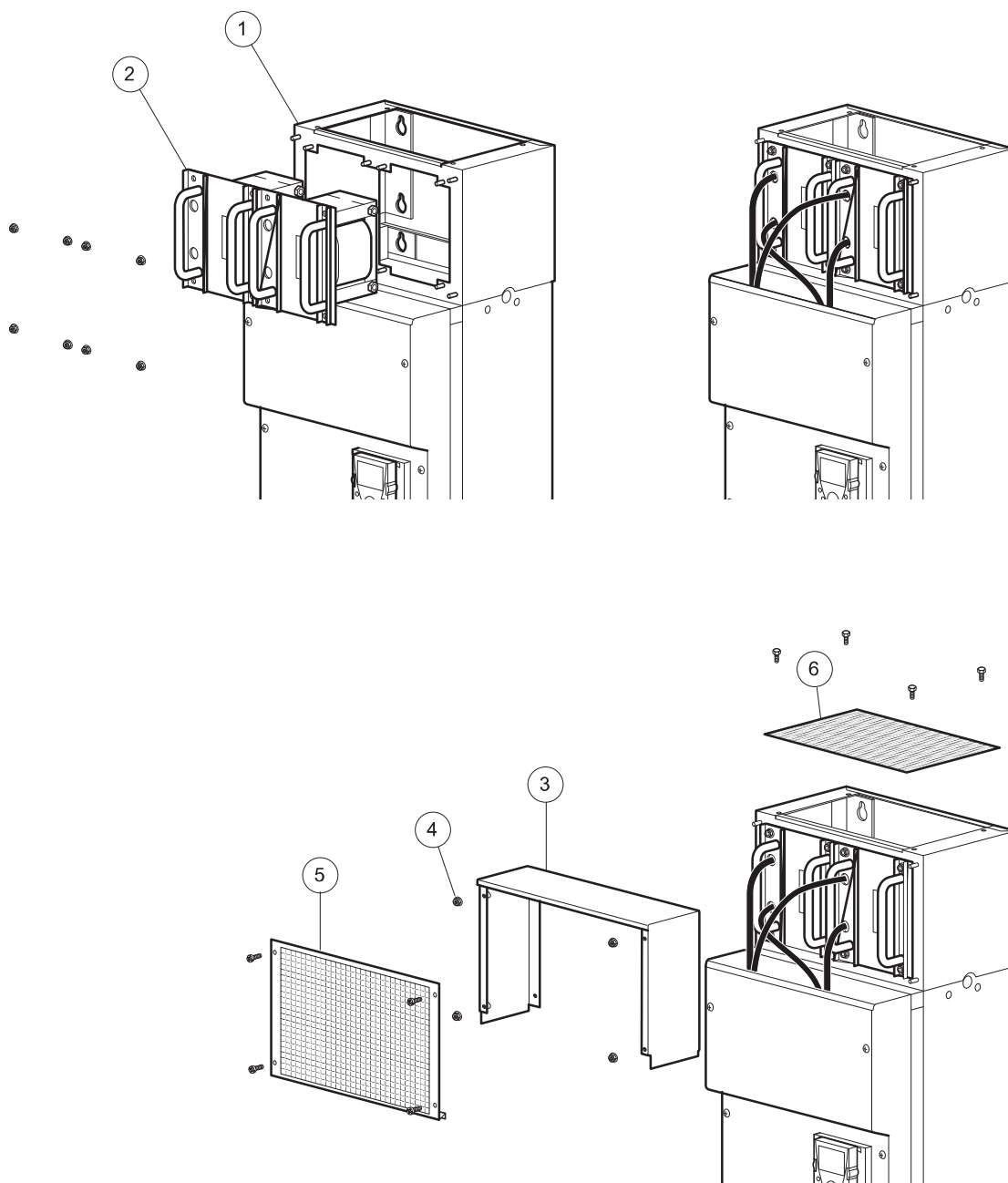


Mounting the DC choke on the ●●●M3X and ATV71H●●●N4

This should be performed after mounting the drive and before wiring it. If a VW3 A7 101 braking module is being used, install the module on the drive before mounting the DC choke.

During installation, ensure that no liquid, dust or conductive objects fall into the drive.

Example of mounting DC chokes on an ATV71HC16N4 drive



- Mount the DC choke chassis (1) on the wall, on top of the drive. Ensure that the chassis is tightly secured to the drive to maintain the IP54 seal of the ventilation duct.
- Then install the DC choke (2) on the chassis (1) using the nuts provided.
- Connect the choke between the PO and PA/+ terminals on the drive (see note and next page).
- Connect the grounding strip between the DC choke chassis (1) and the drive.
- Then mount the cover (3) on the chassis and secure it with the nuts (4) provided.
- Then mount panels (5) and (6) using the screws provided.

Once the choke has been installed, the degree of protection of the top the drive is IP31.

Note: The number of DC chokes supplied with the drive varies according to the drive rating.

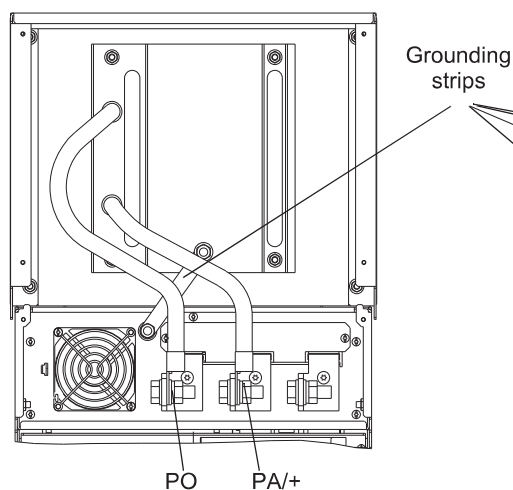
Connecting the DC choke on ATV71H●●●M3X and ATV71H●●●N4 drives

Between 1 and 4 chokes can be connected in parallel as described in the following examples.

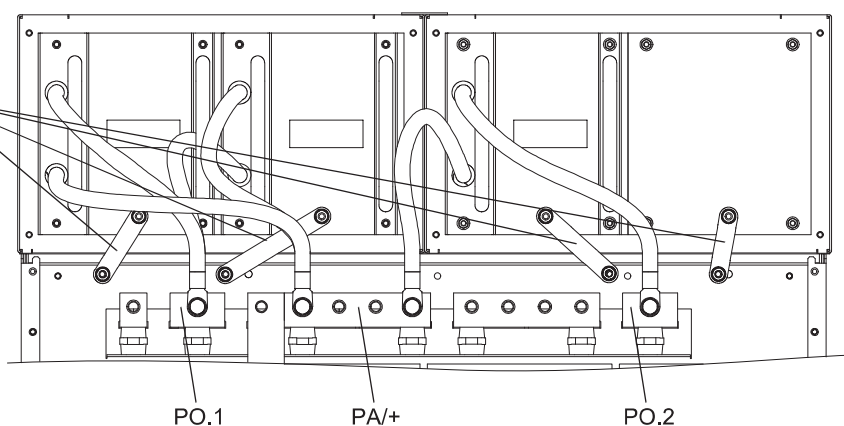
Table of drive/choke combinations

Drive	Number of chokes in parallel	Choke model
ATV71HD55M3X	1	DC-CHOKE 5
ATV71HD75M3X	1	DC-CHOKE 6
ATV71HD90N4	1	DC-CHOKE 1
ATV71HC11N4	1	DC-CHOKE 2
ATV71HC13N4	1	DC-CHOKE 4
ATV71HC16N4	2	DC-CHOKE 1
ATV71HC20N4	2	DC-CHOKE 3
ATV71HC25N4, C28N4	2	DC-CHOKE 4
ATV71HC31N4	3	DC-CHOKE 3
ATV71HC40N4	4	DC-CHOKE 2
ATV71HC50N4	4	DC-CHOKE 7

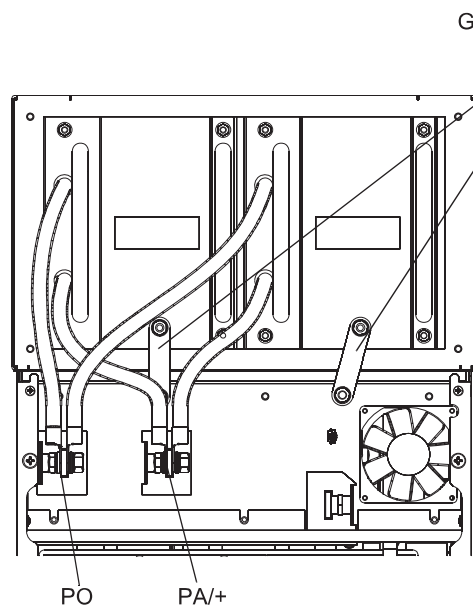
Example 1:
ATV71H D55M3X ... D75M3X,
ATV71H D90N4 ... C13N4



Example 3:
ATV71HC31N4



Example 2: ATV71H C16N4 ... C28N4



Example 4: ATV71H C40N4 ... C50N4

