

# Use on IT system and “corner grounded” system

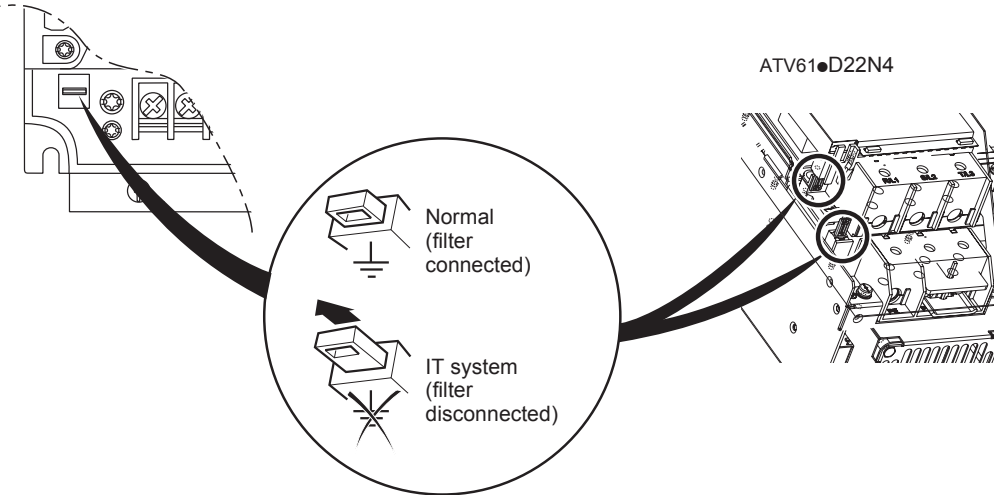
**IT system:** Isolated or impedance grounded neutral

Use a permanent insulation monitor compatible with non-linear loads, such as a Merlin Gerin type XM200 or equivalent.

**“Corner grounded” system:** System with one phase connected to ground

Altivar 61 drives feature built-in RFI filters. When using ATV61H U30Y to D90Y drives on an IT system, the link between these filters and ground must be removed as shown in the following two diagrams. For other catalog numbers, removal of this link is possible but not mandatory:

Remove the jumper located to the left of the power terminals (two jumpers for ATV61 ●D22N4).



## CAUTION

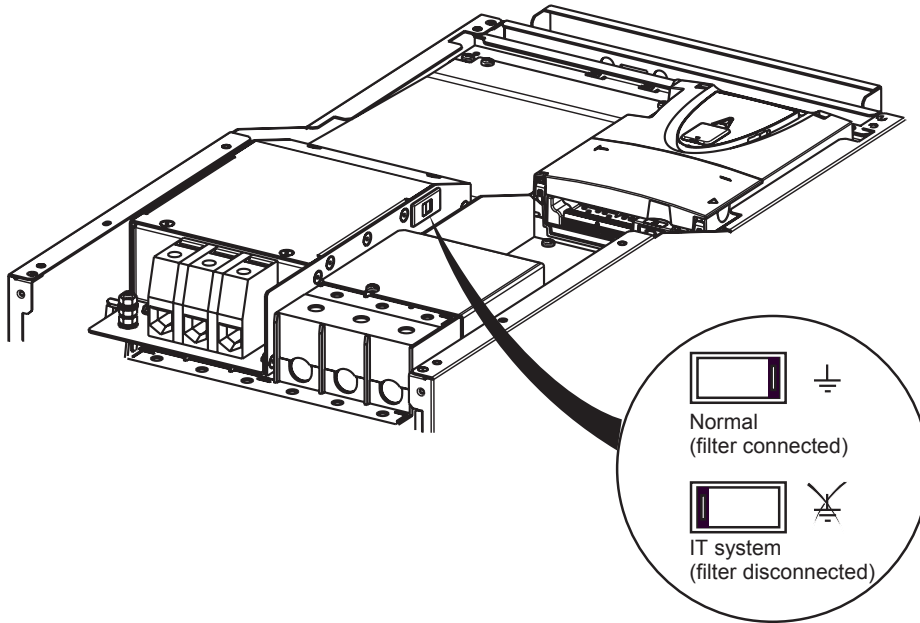
### RISK OF DAMAGE TO THE DRIVE

On ATV61●075N4 to U40N4 ratings, if the filters are disconnected, the drive's switching frequency must not exceed 4 kHz. Refer to the Programming Manual for the corresponding parameter setting.

**Failure to follow these instructions can result in injury and/or equipment damage.**

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## Disconnection of the filter on ATV61H D37Y to D90Y products



### WARNING

#### RISK OF ELECTRIC SHOCK

- ATV61H U30Y to D90Y drives must not be connected to a “corner grounded” system.
- ATV61H●●●S6X must not be used with corner grounded systems in case of altitude is higher than 2000m.

**Failure to follow this instruction can result in death, serious injury or equipment damage.**