

Use on IT system and corner grounded system

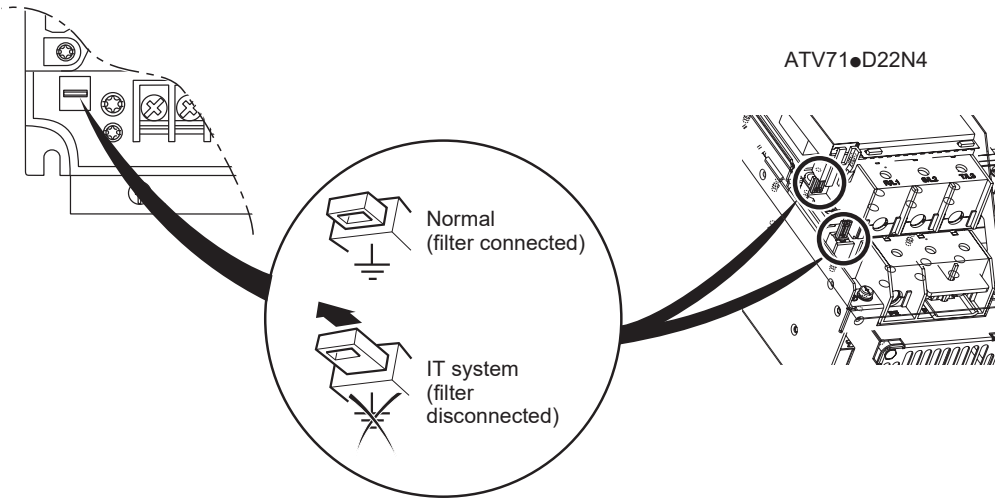
IT system: Isolated or impedance grounded neutral

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 71 drives feature built-in RFI filters. When using ATV71H U22Y to D90Y drives on an IT system, the link between these filters and ground must be removed as shown in the following 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 ATV71•D22N4).



⚠ CAUTION

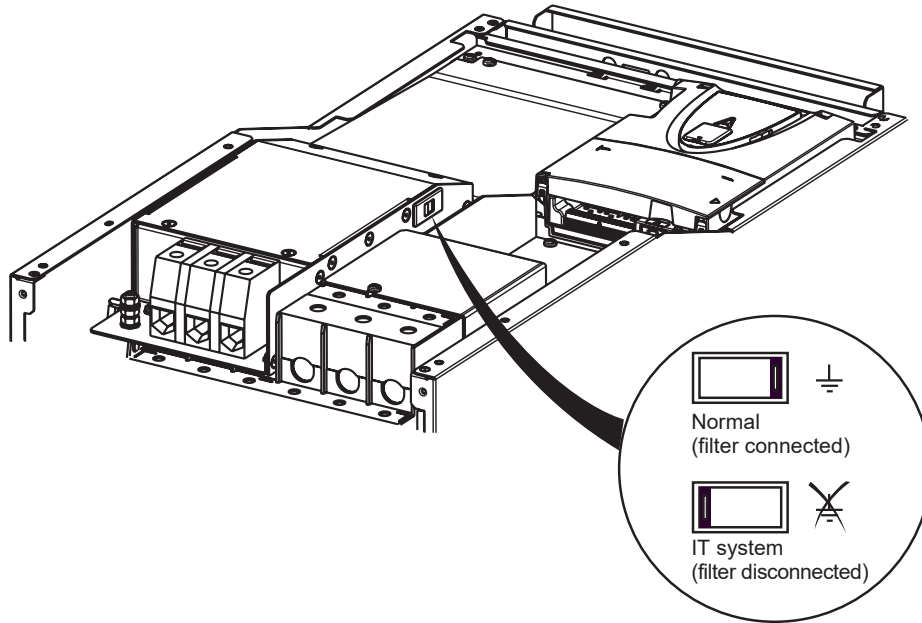
RISK OF DAMAGE TO THE DRIVE

On ATV71•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 this instruction can result in injury and/or equipment damage.

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Disconnection of the filter on ATV71H D37Y to D90Y products



WARNING

RISK OF ELECTRIC SHOCK

- ATV71H U22Y to D90Y drives must not be connected to a corner grounded system.
- ATV71H●●●S6X must not be used with corner grounded systems in case of altitude is higher than 2000 m.

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