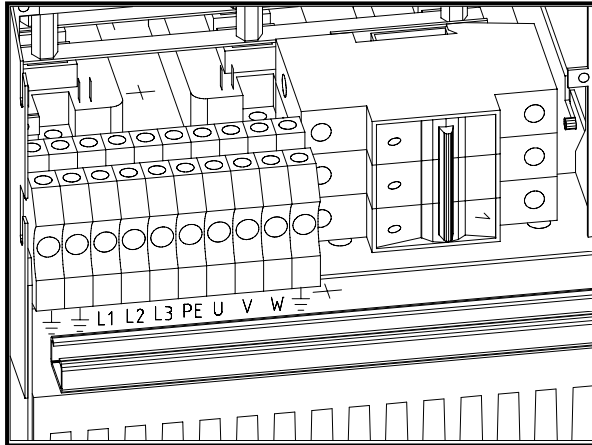


## VHF1400A - Terminals description

### The power terminal block X1



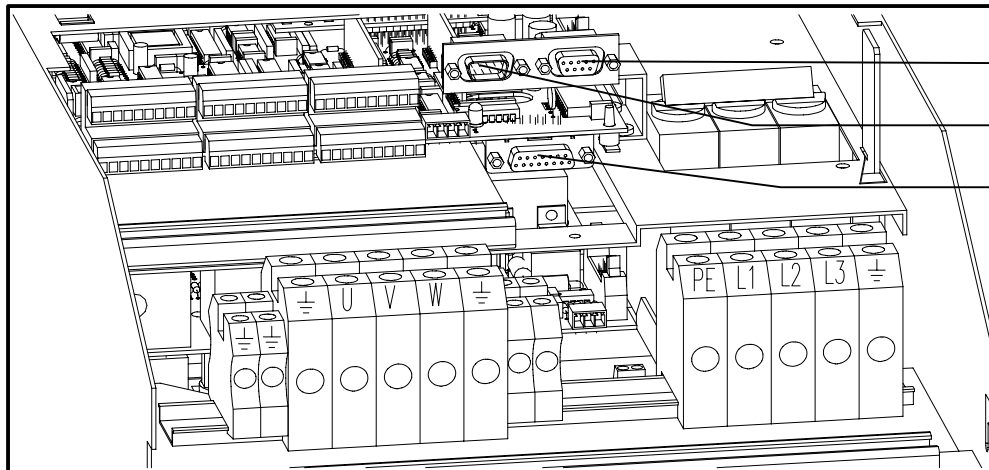
#### VHF1415a and VHF1430A

|          |                                     |
|----------|-------------------------------------|
| PE       | Earth terminals                     |
| L1-L2-L3 | Line input, 3 phases 200 V to 480 V |
| U-V-W    | Motor output                        |

High Voltage inputs and outputs



#### VHF1404A to VHF1490A



CN1  
CN3  
CN2



#### Motor output terminals U-V-W

In STOP mode, the drive remains active and the motor terminals are at a potential of 300 VDC against the ground. Before any intervention on the drive, make sure that the power supply has been removed.

#### DC-bus voltage

Large capacitors are installed on the intermediate DC-bus voltage. Please **wait at least 3 min.** before to remove the cover of the terminal bloc and to access to the internal part of the drive.

### The + 25VDC - Auxiliary Power Supply



On the control terminal block X2, they are a number of terminals where the +25 V internal power supply is available. This power supply is only available for the inputs and outputs of the VHF1400A; no other device must be connected. The +25VDC outputs are short-circuit protected by an internal PTC. If this protection has been activated, you have to wait until the PTC has cooled down to get the auxiliary power supply back

**The total load must not exceed 400 mA.**