Mk30330 3phase dc inverter compressor driver

to compressor U/V/W terminals

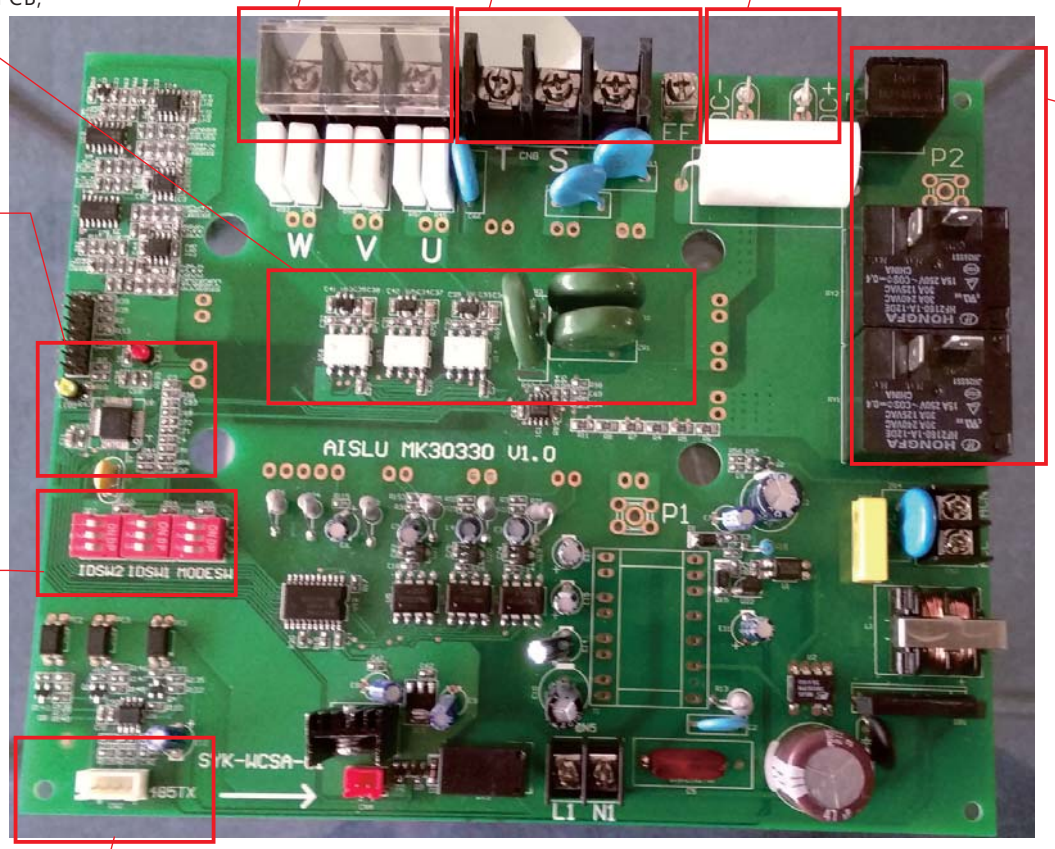
3phase power source, 3 lines
AC300-400V/50Hz/60Hz

DC power connect with Aislu capacitor-block

IGBT/IPM inverter module,
Module weld at the backside of this PCB,
heat sink installed by user.

Aislu dc inverter control program

Compressor selection
Slave ID address selection



Current -buffer circuit
Avoid power shock to power grid

Rs485 communication for Modbus
Under PLC controls/Aislu modbus protocol