AC integration to HDL Buspro

HDL Automation s.r.o, 5/2023, according to the document *AC solutions* by HDL China
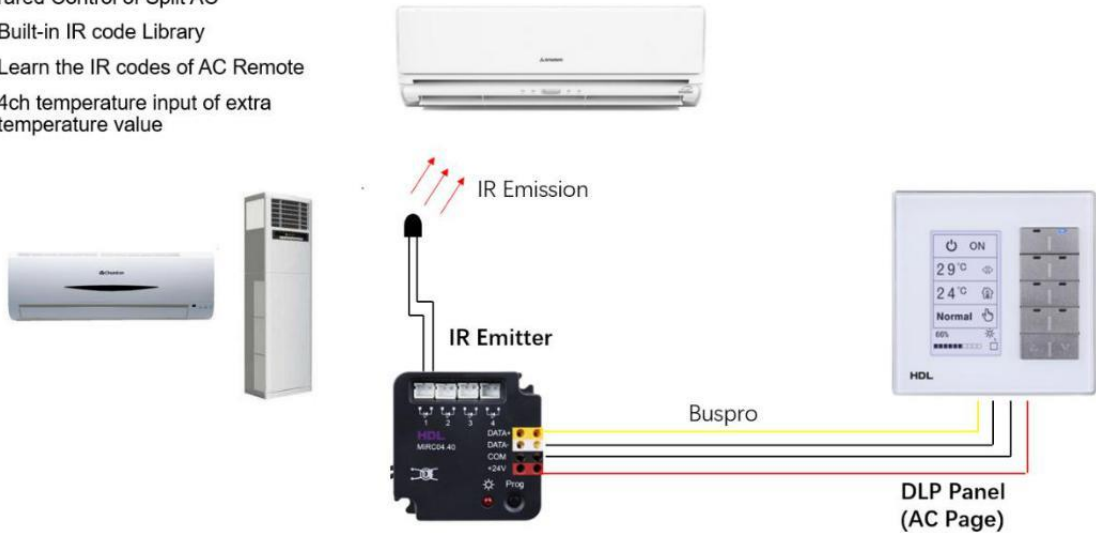
a) Check whether the indoor unit can be controlled by IR emitter.

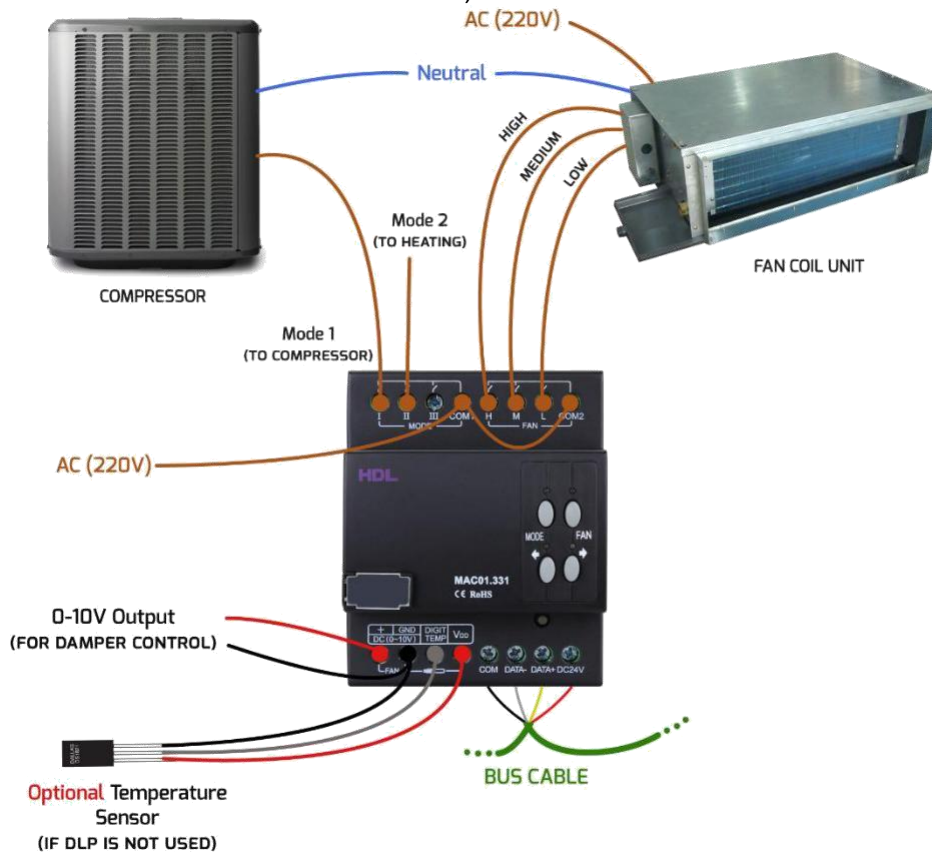b) Assign a MAC01.431 AC module for each fan coil unit if the indoor unit can be controlled by solenoid valve(mainly cooling, heating and fan solenoid valve and high, medium and low solenoid valve)

c) If VRV and VRF AC, check if Coolmaster device is compatible with the outdoor unit (https://coolautomation.com/check-compatibility/)

VRF, VRV Centralized AC system Integration

HDL®

- Integration with CoolmasterNet AC gateway able to control many Dominated centralized AC Brands, E.G.: Samsung, Toshiba, Panasonic, Daikin, LG, Mitsubishi, Hitachi,Gree, Midea
- Supports up to 64 in door units and 10 outdoor units

IP Gateway   CoolmasterNet

d) If a-c is not suitable, please check if the AC system has itself RS485 thermostat, we can use RS232 module to integrate the RS485 thermostat. Please ask AC producer to get the protocol and send us to check.

Other AC systems Integration via Gateway

- Protocol integration Via IP, RS232/485: Bacnet, Modbus,Lonworks AC gateway

  Get the AC protocol/diagram from the reseller/manufacturer

RS232/485 gateway   IP gateway