NOTE

MCA : Max. Circuit Amps. (A)
TOCA : Total Over-current Amps. (A)
MFA : Max. Fuse Amps. (A)
MSC : Max. Starting Amps. (A)
RLA : In nominal cooling or heating test condition，the input Amps of compressor where MAX. Hz can operate Rated Load Amps. (A)
KW : Rated Motor Output
FLA : Full Load Amps. (A)

9.7.5 Remove the switch box cover

1-phase 6-10kW without backup heater and 3-phase 12-16kW without backup heater

Unit	6 kW	8 kW	10 kW	12kW 3-PH	14kW 3-PH	16kW 3-PH
Maximum overcurrent protector (MOP)(A)	16	16	16	10	10	12
Wiring size(mm^2)	3x2,5	3x2,5	3x2,5	5x2,5	5x2,5	5x2,5

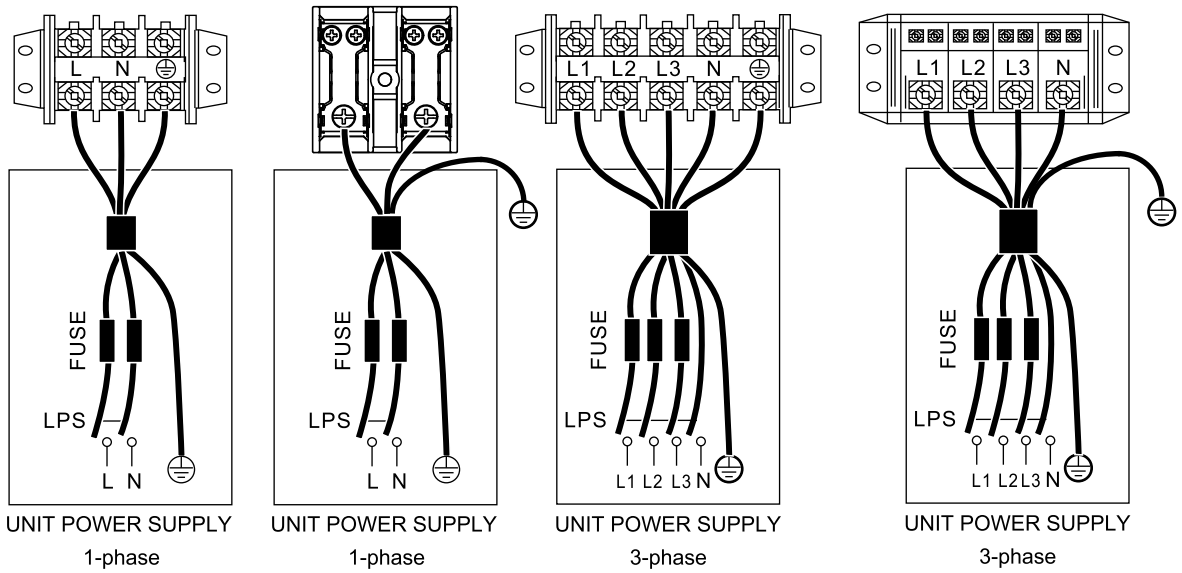
1-phase 6-10kW with backup heater 3kW (1-phase) units RY1

Unit	6 kW
Maximum overcurrent protector (MOP)(A)	25
Wiring size(mm^2)	3x4*

3-phase 8-16kW standard with backup heater 9kW(3-phase) units RY3

Unit	8 kW	10 kW	12kW 3-PH	14kW 3-PH	16kW 3-PH
Maximum overcurrent protector (MOP)(A)	25*	25*	25*	25*	25*
Wiring size(mm^2)	5x4*	5x4*	5x4*	5x4*	5x4*

* it is recommended to separate the compressor power supply from the additional heater power supply in order to reduce the protection value



NOTE

The ground fault circuit interrupter must be 1 high-speed type of 30mA(<0.1s). Please use 3-core shielded wire.
The default of backup heater is option 3 (for 9kW backup heater). If 3kW or 6kW backup heater is needed, please ask professional installer to change the Dip switch of S1 to option 1(for 3kW backup heater) or option 2(for 6kW backup heater), refer to 10.1.1 FUNCTION SETTING.
Stated values are maximum values (see electrical data for exact values).