SPECIAL NOTE FOR D.O.L STARTING

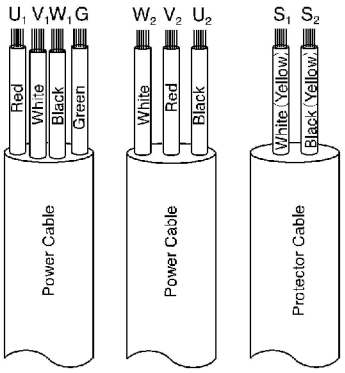
■ Wiring for models

Applicable to the following models : Models with output of 11kW (15HP) or above

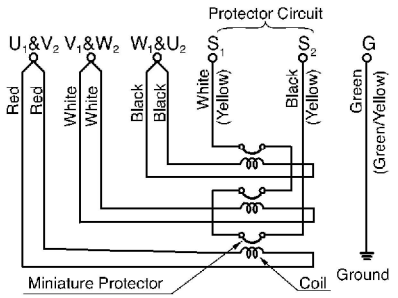
⚠WARNING **This model can be used as a direct-on-line, (across the line) start pump. To connect for D.O.L. start, please read following instruction carefully.**

Example: 11kW (15HP) model
(supplied with two power cables and one motor protector cable)

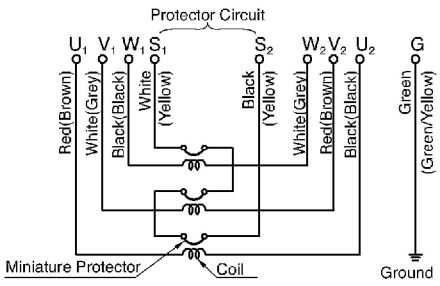
Cables From Pump



D.O.L start WIRING



Star-delta start WIRING



How to connect leads:
Connect lead wires U1 (RED) and V2(RED) to T1 in the control panel.
Connect lead wires V1 (WHITE) and W2(WHITE) to T2 in the control panel.
Connect lead wires W1 (BLACK) and U2(BLACK) to T3 in the control panel.
Connect lead wires S1 and S2 for Miniature Protector Circuit to the corresponding control circuit or control relay.

Note: *Failure to connect the Miniature Thermal protection will void the warranty on the unit.*

⚠WARNING **All electrical work must be performed by an authorized electrician, in compliance with national and local electrical equipment standards and wiring codes. never allow an unauthorized person to perform electrical work because it is not only against the law, but it can be extremely dangerous.**

Motor Protector

The pump is equipped with an internal motor protector.

1. Circle Thermal Protector:
   If a current overload or overheating occurs under the symptoms given below, the motor will stop automatically to protect the motor regardless of the water level at the time of operation.
   In this type of motor protector, the motor will automatically restart after cooling down. If the motor is stopped by protector tripping, turn off the power supply first, and disconnect the cables from the power terminals. After this, make sure to eliminate the cause of the problem, such as the following:
   - Extreme fluctuation of power supply voltage
   - Pump operated under overload condition
   - Pump operated at open phase or binding condition

⚠WARNING **If repair or maintenance is attempted with cables connected to power supply, unintended automatic restarting of the motor may cause human injury.**