





- **IVRS (Interactive Voice Response System):** Farmer can start or stop the motor through calling with the help of an IVRS system by just pressing the numeric buttons on their mobile phone.
- **Dry Run Protection:** In case of dry run, Samarth will turn off the motor and will notify farmer about it through a voice call.
- **Protection against Fluctuating Voltage:** Fluctuating power supply voltage could be very harmful to motor & can reduce its life. In such cases, Samarth will turn off the motor and will notify farmer through a voice call.
- **Protection against 'Single Phasing':** If some phase problem occurs in power supply voltage then Samarth will protect the motor by turning it off and will notify farmer through a voice call.
- **Overload Protection:** Due to some reasons if motor gets jammed then motor derives very large current due to overload and it may burn the motor coils. In such cases Samarth will protect motor by turning it off and will notify the farmer through a voice call.
- **Smart Timer:** By using the Smart timer function, farmer can start the motor for a specific duration of time and it will turn off automatically once the set timer is over.
- **Missed Call Facility Whenever Power Resumes:** Due to very irregular power supply, it is very important for farmer to get an update about current electricity status. Samarth will notify farmer by giving a missed call whenever electricity resumes.
- **Number Registration Facility:** Farmers can register up to 9 mobile numbers in Samarth. Only these registered numbers will be allowed to operate & control Samarth; enabling greater security & control.
- **Password Protection:** Important settings like changing registered number are password protected.
- **For all types of Pump:** Samarth can be connected to both submersible and open well motor pump. It is compatible with both single and three phase motor pumps of any Horsepower.
- **Customer support:** Samarth comes with one year piece to piece replacement warranty. A dedicated customer support is available for 24*7 to solve any kind of issues related to Samarth



When the motor starts, the red light will glow
When the motor stops, the green light will glow

POWER ON
MOTOR ON
LINE FAULT
DRY RUN
OVERLOAD

This will glow when there is voltage or phase fault.
During phase reversal fault this light will blink.

This light will glow when the motor runs dry.
This light will blink when the motor is taking too much load.

BYPASS
OFF
ON

CUSTOMER CARE
+91-8237194696
+91-7218659674

Connection Diagram DOL Starter

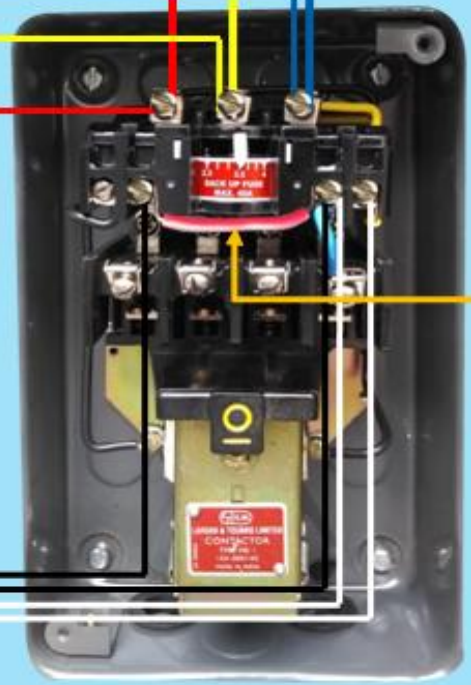
**3- Phase
Samarth Mobile
Motor Controller**



Adaptor

Power Supply

CT



**Pull out
this wire**

DOL Starter

Connection Diagram Star Delta Starter

3- फेज
Samarth Mobile
Motor Controller



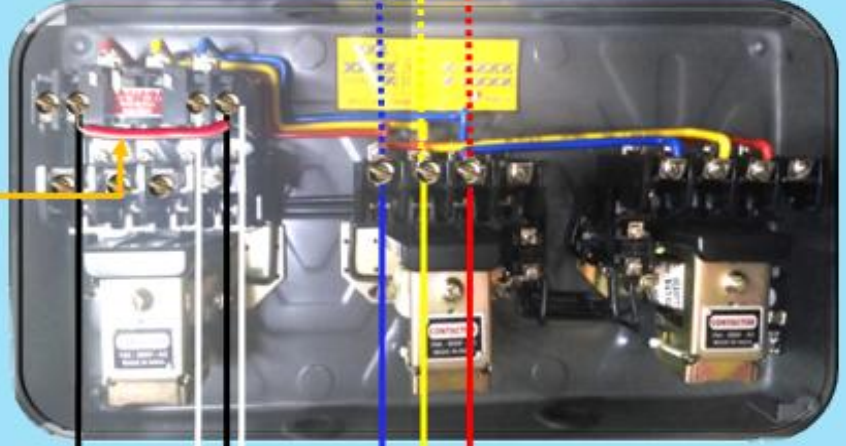
Adaptor

Power Supply

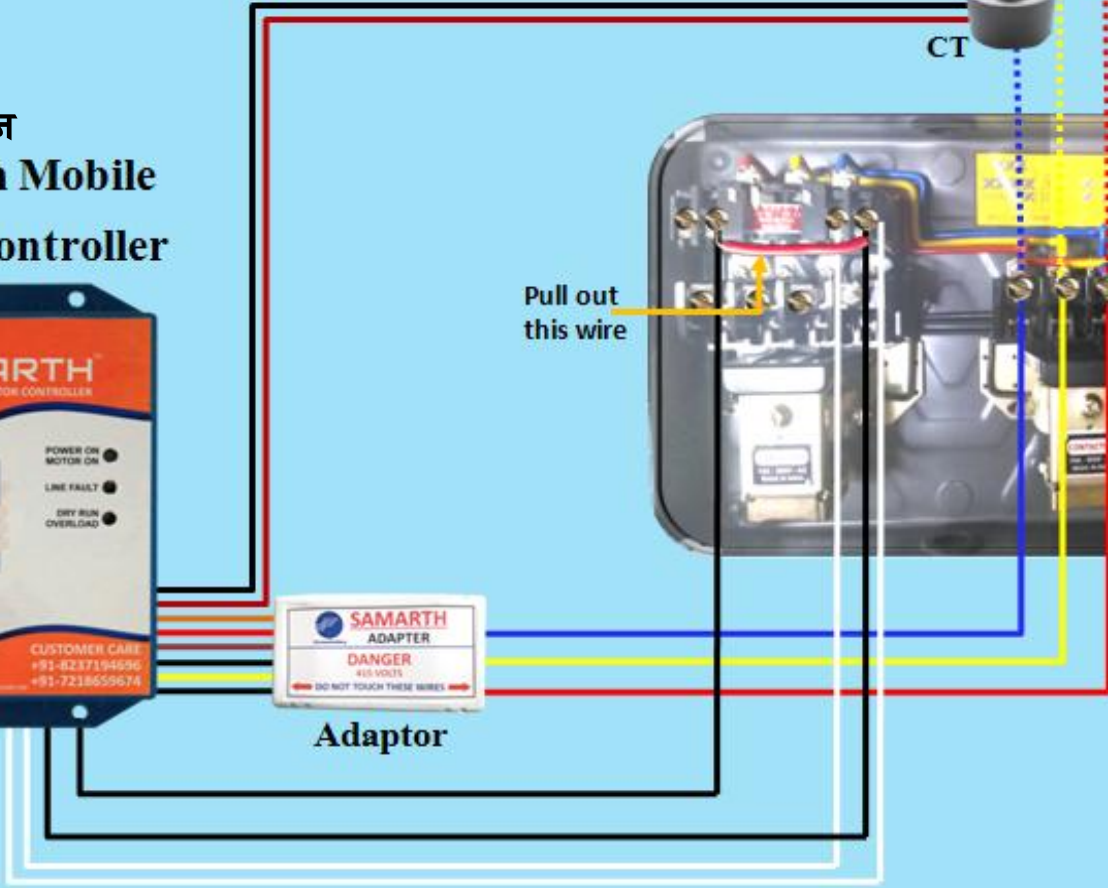


CT

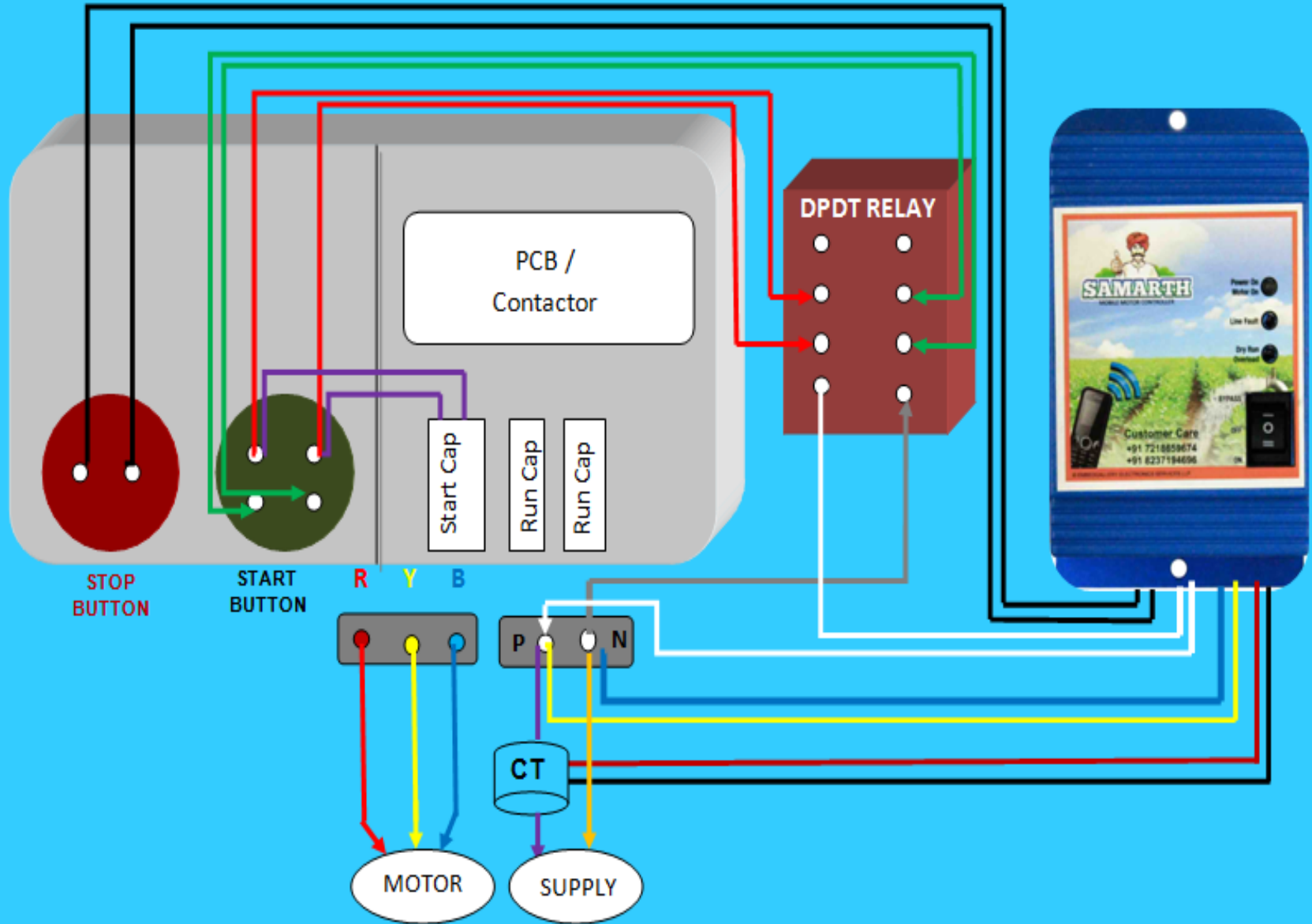
Pull out
this wire



Star Delta
Starter



SINGLE PHASE STARTER CONNECTION



समर्थला पाठवायचे SMS व त्यांचा वापर

- **PUMP ON** - Send this SMS to start the motor.
- **PUMP OFF** - Send this SMS to stop the motor.
- **STATUS** - Send SMS to know the status of the motor
- **PUMP ON HH:MM**- Send this SMS to set timer e.g. Send the following SMS for 3 hours and 5 minutes to start the motor. (PUMP ON 03:05)
- **BALANCE**- Please send this SMS to know about BALANCE of SIM card.

- **SIGNAL** –Send SMS to know about the range of SIM card.
- **READING**- Send SMS to know the voltage and motor load
- **AUTO ON** - Send this SMS to auto enter the auto mode
- **AUTO OFF**- Send this SMS to remove from Motor Auto mode
- **REG NUMBER**- Send SMS to know about the mobile number registered in Samarth.
- **PARAMETERS** - To know about the settings in the Samarth enabled, send this SMS.

Model Names:

- **Three Phase Unit (TP01)**
- **Single Phase with Control Panel (SP01)**
- **Single Phase Unit with Control Panel (SP02)**
- **Unit for Solar Pumps(SP01)**
- **2-3 Phase Unit (TP01)**

Language:

Marathi

Hindi

English

Gujarati

Kannada

Telugu

Tamil

Malyalam

Punjabi

Bengali

Odia

**If you are interested in buying Samarth Mobile Motor Controller,
please contact or message us:**

+91- 8600996936



Manufactured By:



Embedgallery Electronics Pvt Ltd

3 rd Floor, Plot No 165/1/17,
Priyadarshani Industrial Society, T
Block, MIDC Bhosari, Pune- 411026.
Contact No. 8600996936