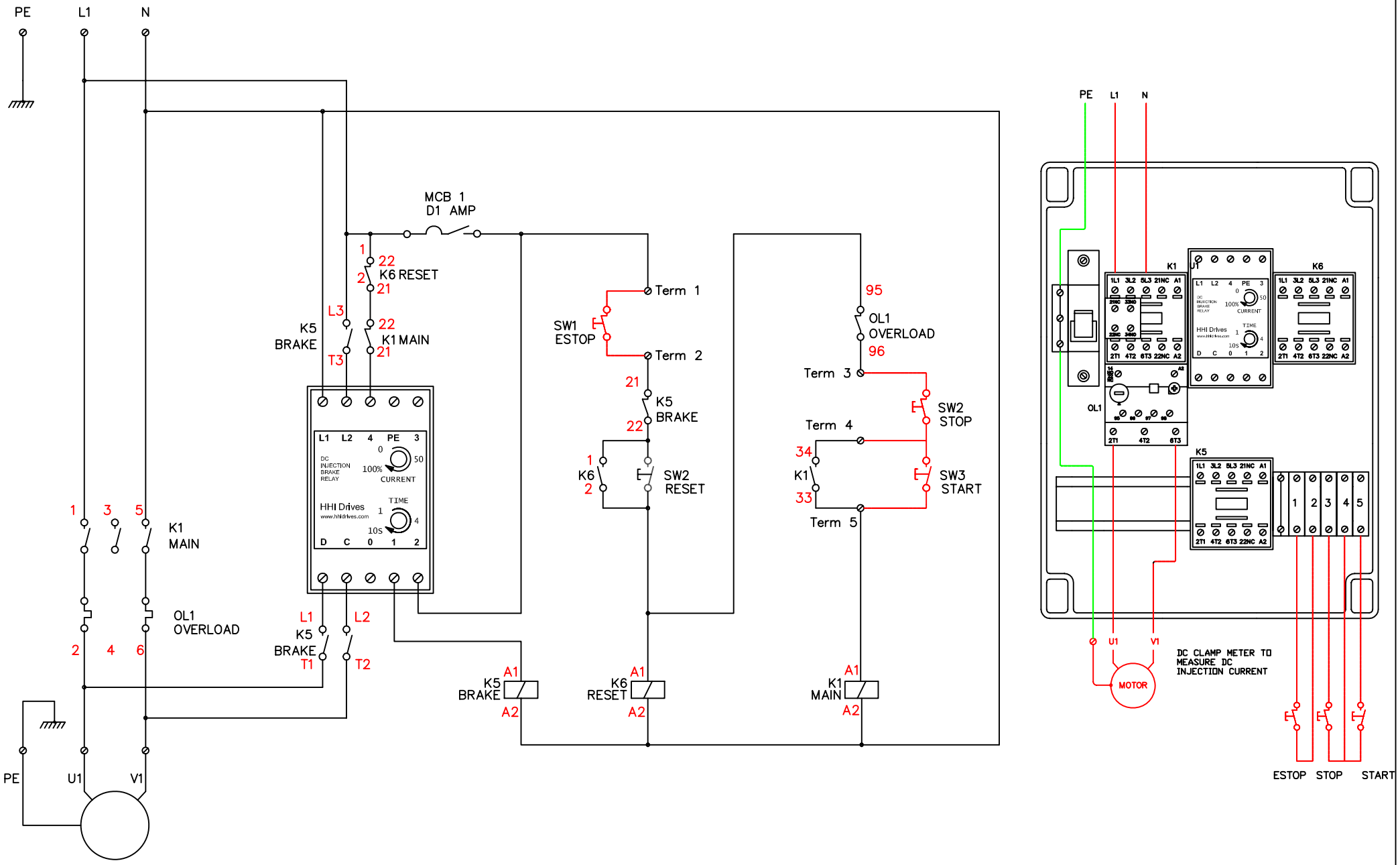

DRAWN	DATE	CHK'D	DRAWING No	ISSUE	DOL SINGLE PHASE STARTER UNDER 25A
MFA	17JE10		17JE10CD0	0	

Electrical Connections.

1) Connect 230VAC supply to contactor K1 (Phase to Terminal 1(L1) and Neutral to Terminal 5 (L3)
2) Connect Single Phase motor to overload (L to terminal 2(T1) and Neutral to terminal 6(T3)
3) Connect External Emergency Stop Contact across Din Rail Terminals 1 & 2 (see Drawing.)
4) Connect Normal stop push button across Din Rail Terminals 3 & 4.(See Drawing)
5) Connect Start Push button across din rail terminals 4 & 5. (See Drawing.)

Setting Up.

1) Adjust the overload current setting to match the full load current rating of the motor, normally located on the motor identification plate.
2) Turn down the time and current settings on the DC brake module to their mminimum settings.
3) Press the Yellow reset push-button located on the front of the unit, contactor K6 Should energise.
4) Press External start push-button, K1 should energise, and motor should rotate.
5) Press External Normal Stop Push-button, Contactor K1 should drop out, and motor should coast to a stop.
6) Increase the current setting on the brake module $\frac{1}{4}$ turn, press external start push-button, contactor K1 should energise, and motor should rotate. Press external Emergency stop push-button and contactor K1 should drop out, contactor K5 should energise and motor should brake. Increase the time setting on the brake module until the motor comes to a standstill.

If the motor is not brought to a standstilll within 10 seconds, increase the current setting.

If you have a DC clamp-meter you can set the injection current to No more than twice the ful load current.
At very high currents the braking force may begin to reduce.

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