Typical circuit diagram of Direct On Line starter

a) Main circuit

b) Control circuit for momentary-contact control
c) Control circuit for maintained-contact control

Typical circuit diagram of Forward / Reverse starter (Electrical Interlocking)

Main circuit

- S0 = 'OFF' Push button
- S1 = 'ON' Push button
- S = Maintained command switch
- K1 = Main contactor
- F1 = Main circuit fuse
- F2 = Overload relay
- F3 = Control circuit fuse

Push button control (momentary command)

Selector switch control (command needs to be maintained)

Typical circuit diagram of Star Delta starter

Main circuit

- S0 = 'OFF' Push button
- S1 = 'ON' Push button
- K1 = Line contactor
- K2 = Star contactor
- K3 = Delta contactor
- K4 = Star delta timer (7PU60 20)
- F2 = Overload relay
- F1 = Backup fuse
- F3 = Control circuit fuse
Typical circuit diagram for Auto Transformer starter

Internal connection diagram for DC coil circuits

The control circuits indicated by dotted lines are to be wired by customer.