

16.7 Reversing circuit

16.7.1 3RW30 reversing circuit

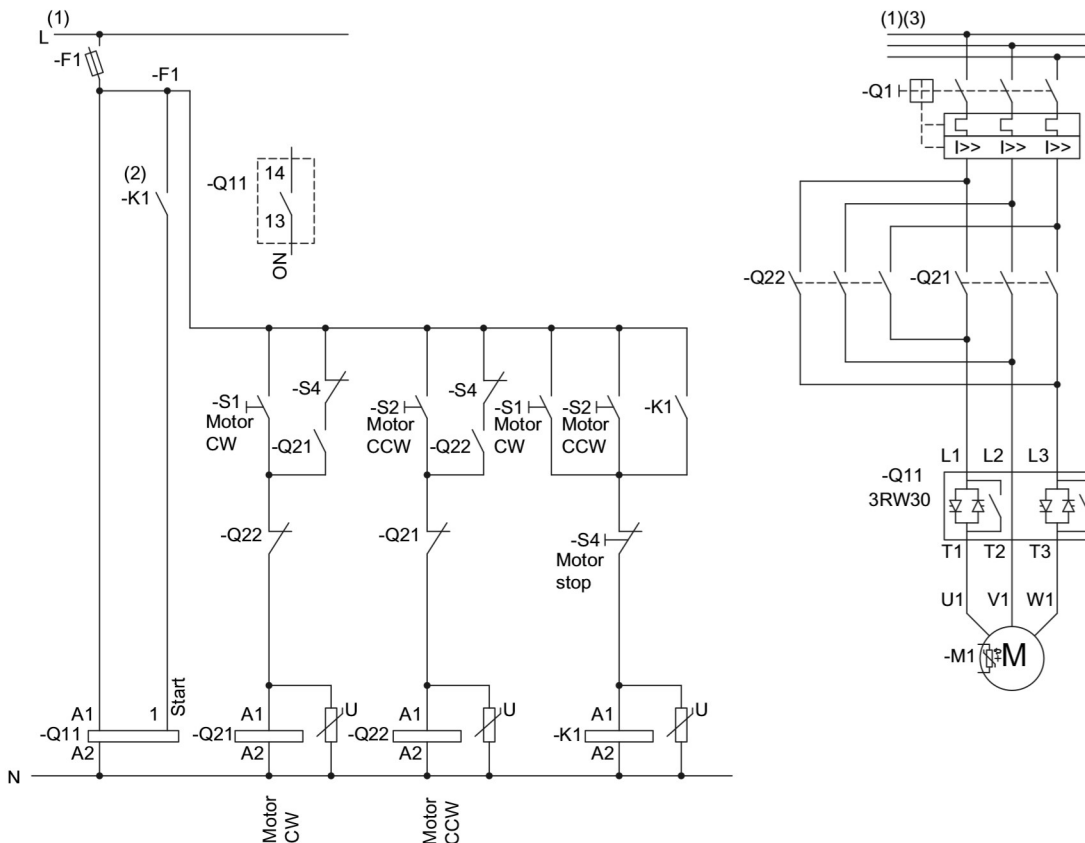


Figure 16-17 Wiring of the 3RW30 control and main circuits

(1) For permissible main and control voltage values (dependent on article number), refer to chapter Technical data (Page 133).

! WARNING

(2) Automatic restart. Can result in death, serious injury, or property damage.

Faults caused by incorrect control voltage, a missing load, or a phase failure (refer to chapter 3RW30: LEDs (Page 61)) are automatically reset when the system returns to normal. An automatic restart is initiated and the 3RW restarted if a start command is present at the input. If you do not want the motor to start automatically, you must integrate suitable additional components, e.g. phase failure or load monitoring devices, into the control and main circuits.

(3) Alternatively, the motor feeder can be assembled as a fuseless or fused version with type of coordination 1 or 2. For the assignment of fuses and switching devices, refer to chapter Technical data (Page 133).

16.7.2 3RW40 reversing circuit

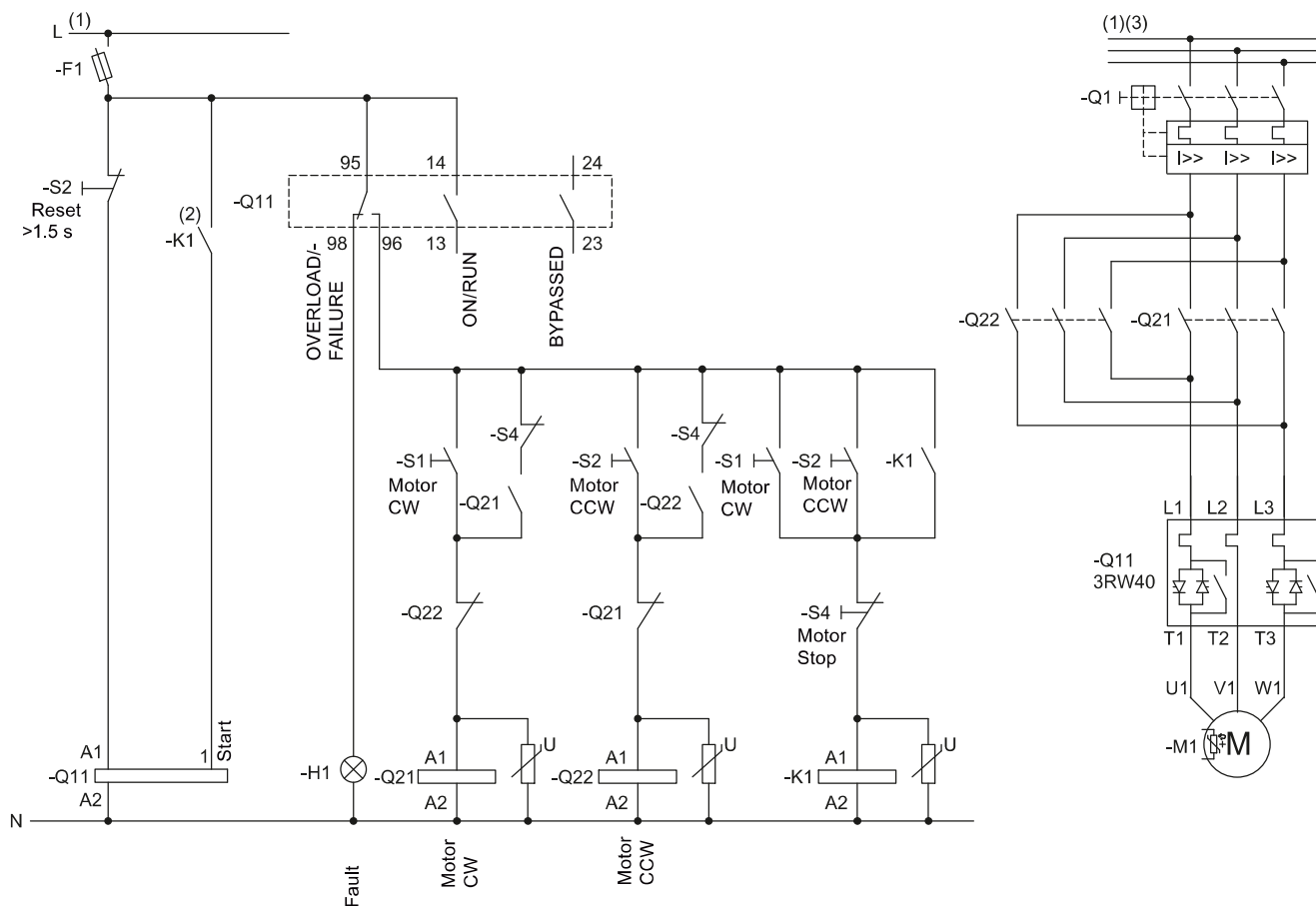


Figure 16-18 Wiring of the 3RW402 - 3RW404 control circuit and 3RW402 - 3RW407 main circuit

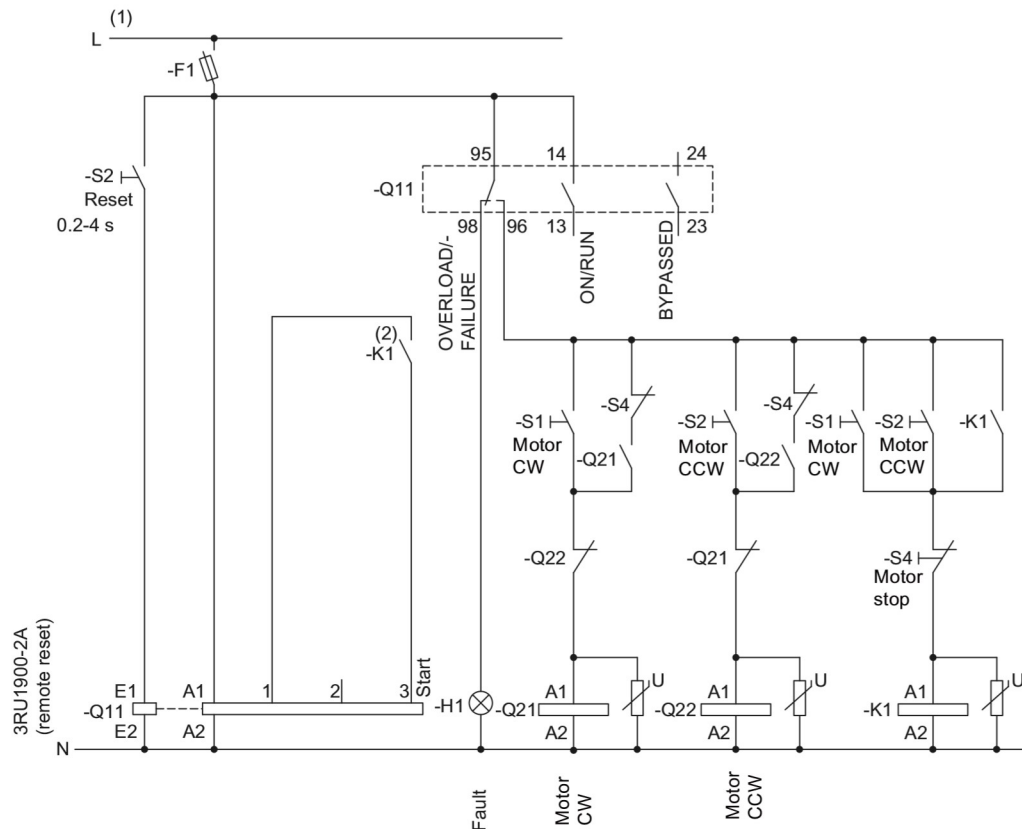



Figure 16-19 Wiring of the control circuit 3RW405 - 3RW407

(1) For permissible main and control voltage values (dependent on article number), refer to chapter Technical data (Page 133).

 WARNING
<p>(2) Automatic restart can result in death, serious injury, or property damage.</p> <p>The start command (e.g. issued by the PLC or switch S1) must be reset prior to issuing a RESET command because the motor attempts to restart again automatically following this RESET command if a start command is still present. This particularly applies if the motor protection has tripped. For safety reasons, you are advised to integrate the group fault output (terminals 95 and 96) in the controller.</p>

(3) Alternatively, the motor feeder can be assembled as a fuseless or fused version with type of coordination 1 or 2. For the assignment of fuses and switching devices, refer to chapter Technical data (Page 133).

For the optional thermistor motor protection evaluation, refer to Typical circuit for the optional thermistor motor protection evaluation (Page 167).

Note

No soft stop possible. Set the stopping time to 0 s with the potentiometer.