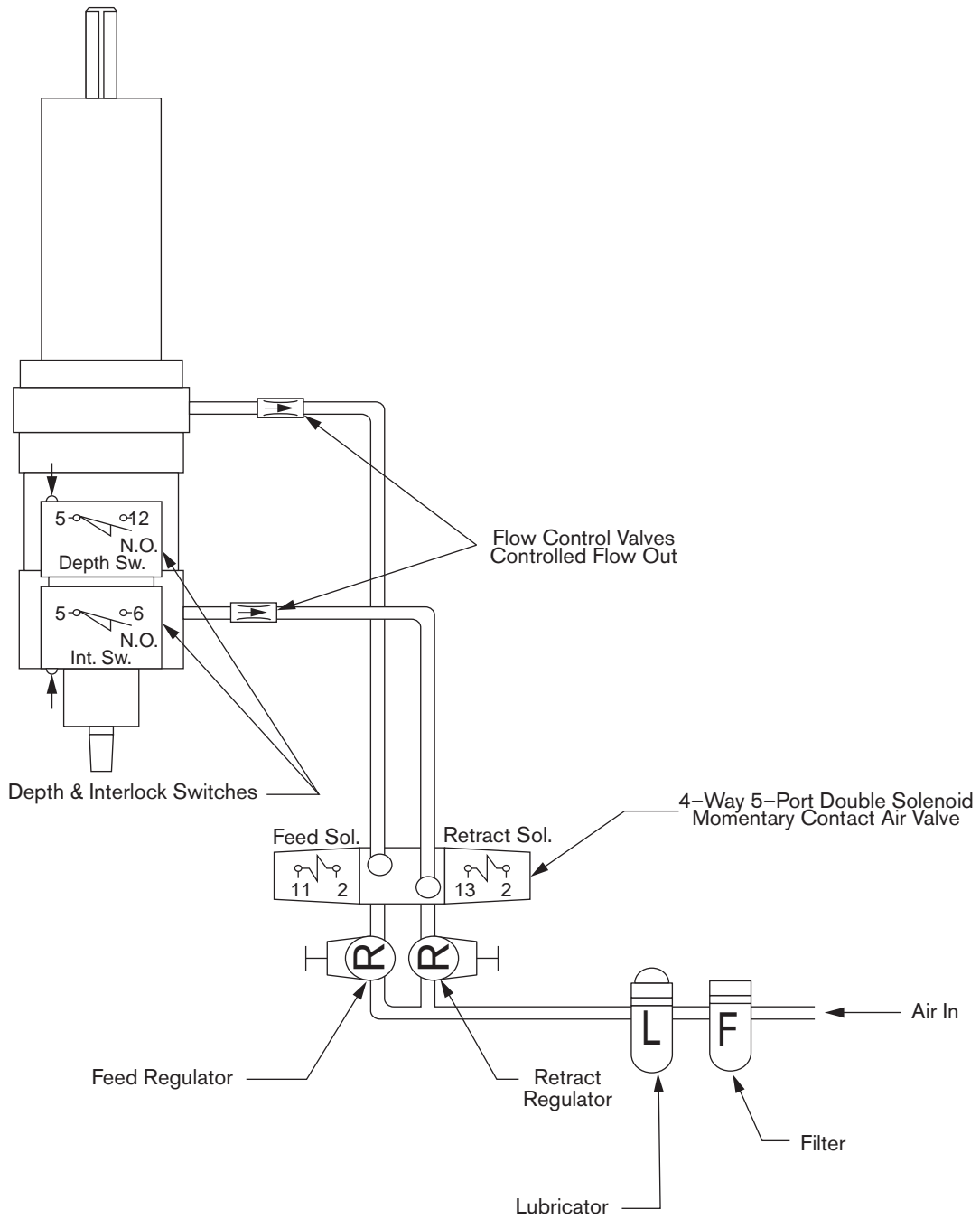


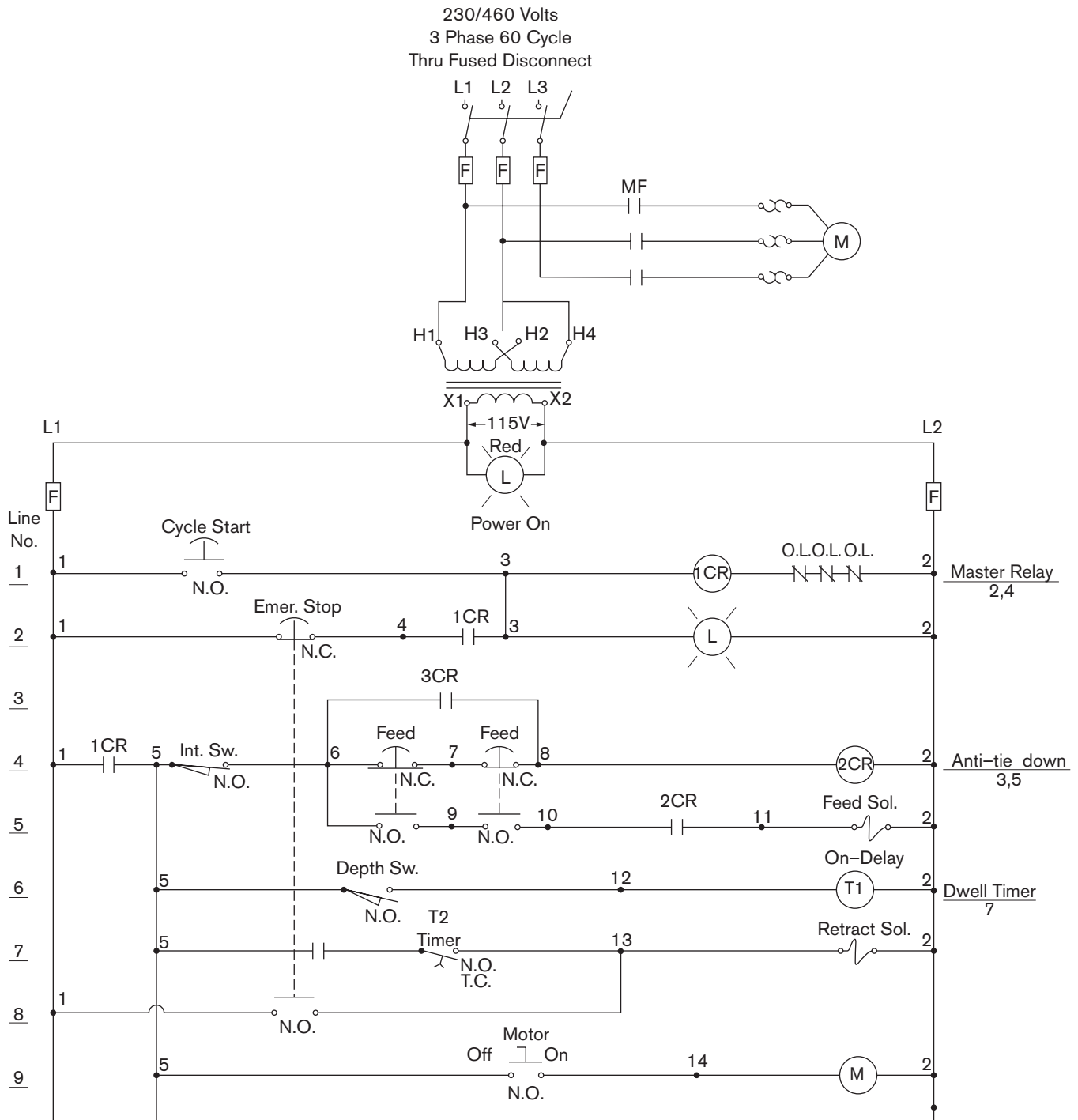
HYPNEUMAT INC.

AUTOMATIC DRILLING & TAPPING UNITS

PIPING FOR BASIC DRILL-DWELL CIRCUIT



BASIC DRILL WELL CIRCUIT



IMPORTANT

THIS CIRCUIT IS A BASIC METHOD OF CONTROLLING HYPNEUMAT EQUIPMENT. CHECK LOCAL, STATE, & OSHA REGULATIONS FOR SPECIFIC CIRCUIT REQUIREMENTS.

CYCLE SEQUENCE FOR BASIC DRILL-DWELL CIRCUIT

1. Turn Motor Selector Switch to "ON".
2. Push Cycle Start Button
 - a. Supplies Power to Circuit (1CR).
3. Push Twin Palm Feed Buttons
 - a. Valve Shifts and unit feeds forward.
4. Depth Switch is actuated at depth required
 - a. On Delay Timer begins Dwell Sequence.
 - b. Timer Times Out.
 - c. Valve Shifts and Unit Rapid Retracts.

EMERGENCY STOP

1. Push Emergency Stop Button
 - a. 1CR Master Relay Drops Out.
 - b. Motor Shuts Off and Coasts to Stop.
 - c. Valve Shifts and Unit Rapid Retracts.

Visit us on the World Wide Web at <http://www.hypneumat.com>

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