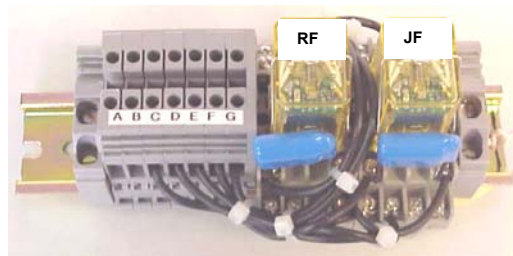


This Application Note is pertinent to the Focus 1 Family

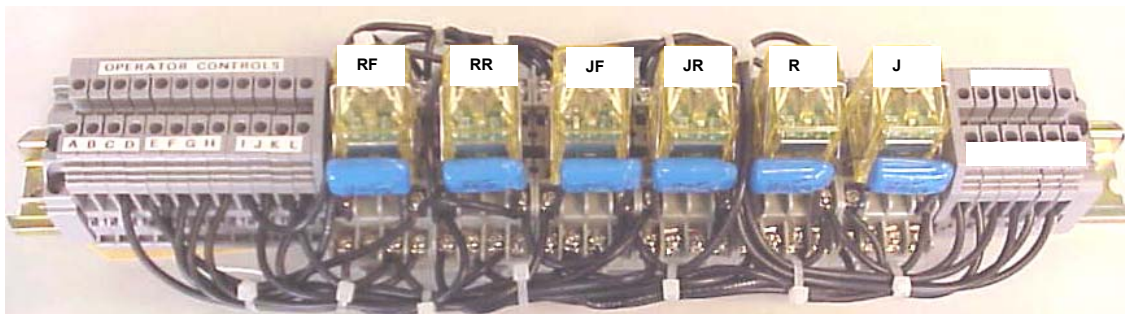
Focus 1 Pushbutton Operation

This application note shows how to configure a Focus 1 chassis mount drive for pushbutton operation. Two schemes are given; the first is for single directional applications, the second for reversing applications. Both scenarios include Run and Jog functions with their own speed reference potentiometers. Two pre-wired kits are available from Control Techniques Service Center ready to install. Relays used are mounted on DIN rail for quick panel mounting and provide a visual indication (led indicator) when energized.

Kit P/N ACIF-2R-Focus – Run / Stop & Jog (Single Directional Applications)



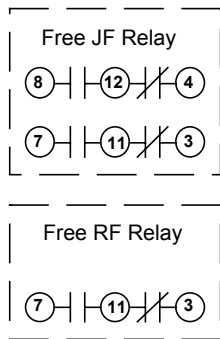
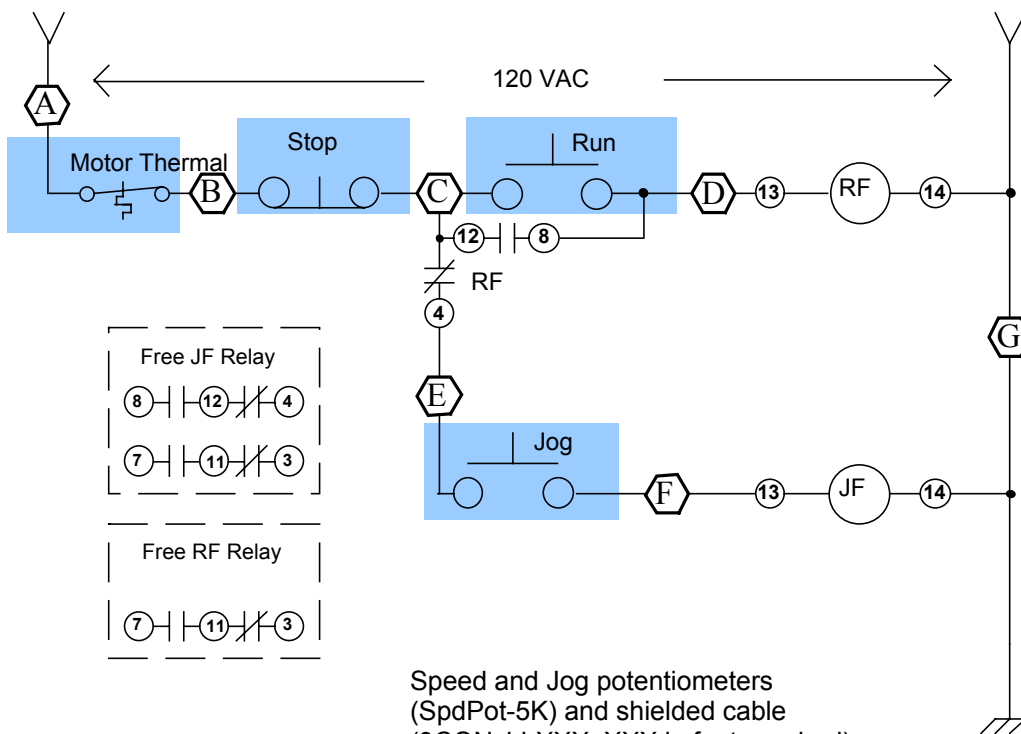
Kit P/N ACIF-6R-Focus – Run Fwd / Run Rev & Jog Fwd / Jog Rev



These pre-wired kits are available from:

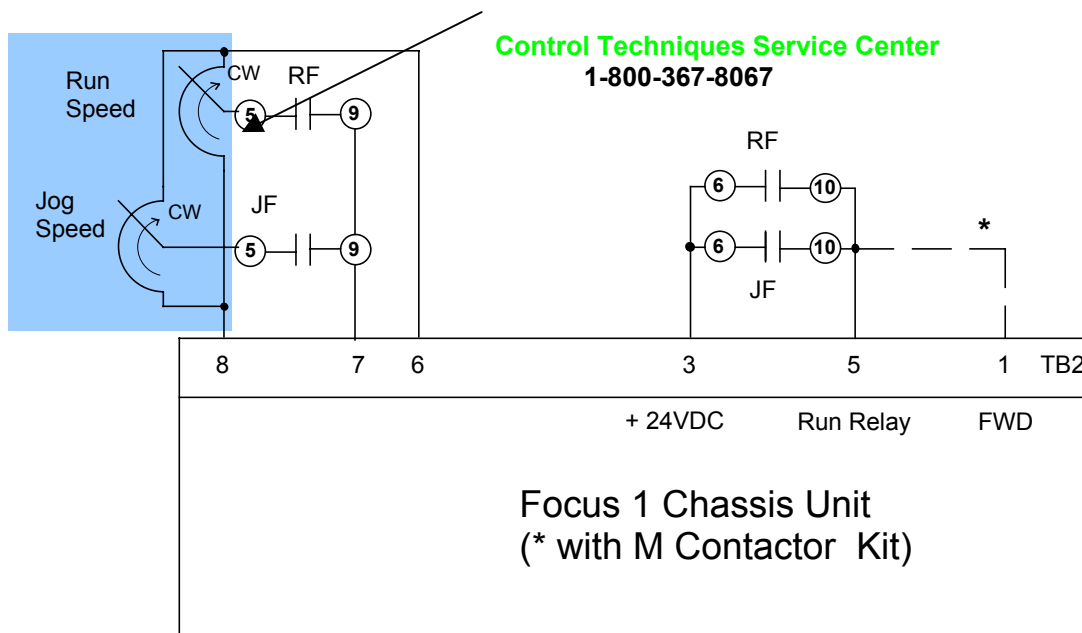
Control Techniques Service Center – 1-800-367-8067

Non-Reversing

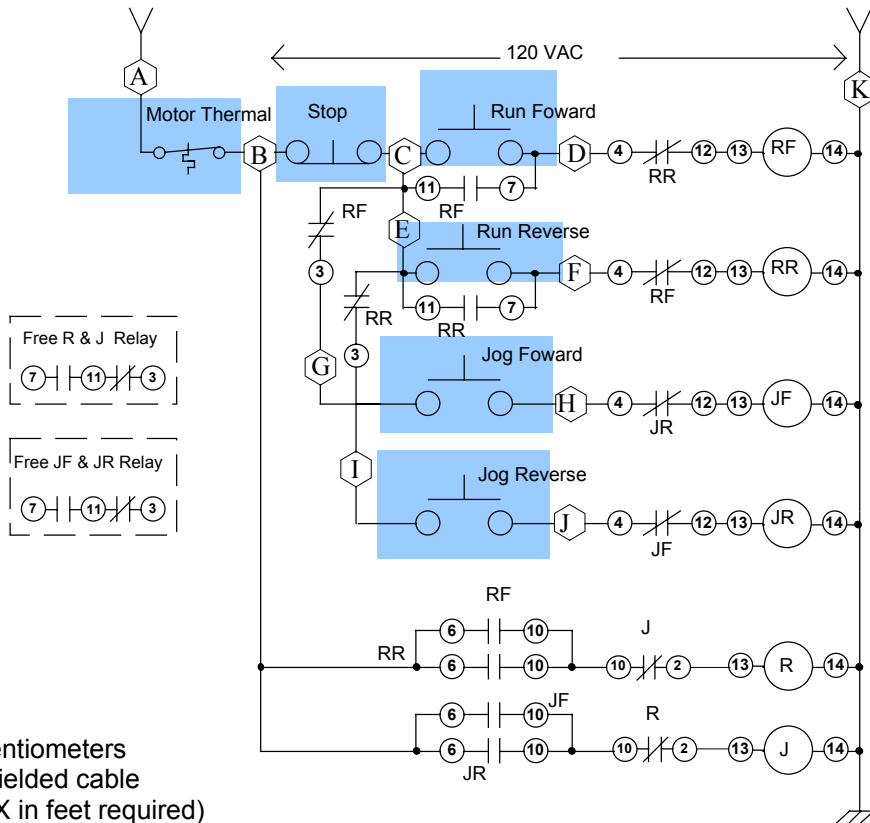


Speed and Jog potentiometers (SpdPot-5K) and shielded cable (3CONcbl-XXX, XXX in feet required) are available from:

Control Techniques Service Center
1-800-367-8067



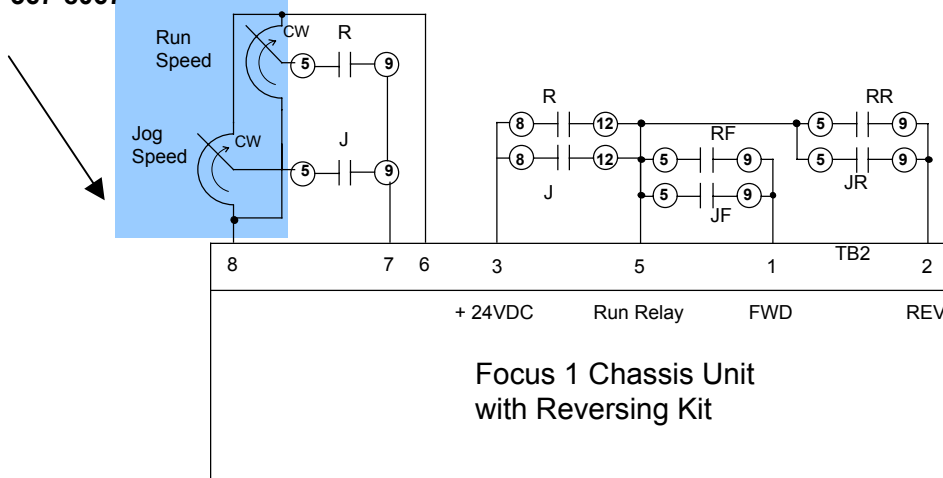
Note: The shaded blue area are customer connection points for Operator Controls. The other terminal designations and wiring are pre-wired interconnections of the kit itself to facilitate application.



Speed and Jog potentiometers (SpdPot-5K) and shielded cable (3CONcbl-XXX, XXX in feet required) are available from:

Control Techniques Service Center

1-800-367-8067



Note: In this application, it is highly recommended that dynamic braking is used. Since the Focus 1 reversing kit does not have an “*anti-plug circuit*” the motor should not be reversed until the motor is at rest. The dynamic braking insures the motor comes to a rest quickly after a stop command before the alternate direction is commanded.

Questions: Ask the author ?? Steve Zaleski Email: <mailto:steve.zaleski@emersonct.com>

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