

Jog Circuit for the SP500 Drive Set-Up and Configuration



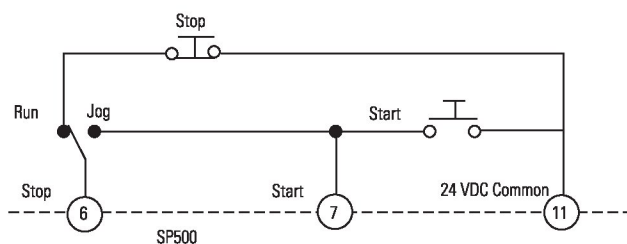
Application Solution

Overview

The success of the SP500 as an AC PWM drive can largely be attributed to its ease of set-up and configuration. Unlike the newer AC drives, however, neither the keypad nor the terminal board offered a dedicated jog PB. Should the need arise, jog functionality can be achieved by the methods discussed below.

Wiring Diagram:

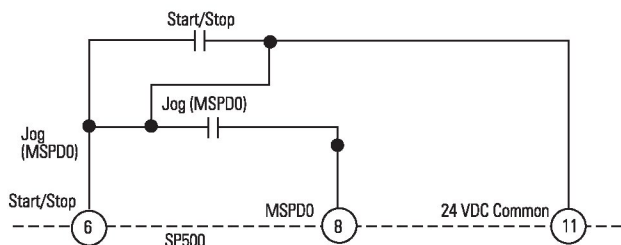
A. Jog with a pushbutton (3-wire) start-stop. (All devices are user-supplied)



Selecting jog by an externally supplied switch will effectively turn the start pushbutton into a jog pushbutton.

Jog speed will be the most recent set reference.

B. Jog function with a 2-wire start-stop. (All contacts as shown are supplied by the user)



Select control source Select (F00) = 3

Configure M SPD0 as jog speed with parameter F23

Speed reference must be via terminal strip (Terminals 1-3)

NOTE: This material is not intended to provide operational instructions. Appropriate Reliance Electric Drives instruction manuals precautions should be studied prior to installation, operation, or maintenance of equipment.

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Americas Headquarters, 1201 South Second Street, Milwaukee, WI 53204, USA, Tel: (1) 414 382-2000, Fax: (1) 414 382 4444

European Headquarters SA/NV, avenue Herrmann Debroux, 46, 1160 Brussels, Belgium, Tel: (32) 2 663 06 00, Fax: (32) 2 663 06 40

Asia Pacific Headquarters, 27/F Citicorp Centre, 18 Whitfield Road, Causeway Bay, Hong Kong, Tel: (852) 2887 4788, Fax: (852) 2508 1846

Reliance Electric Standard Drives Business, 24800 Tungsten Road, Cleveland, OH 44117, USA, Tel: (1) 888 374 8370, Fax: (216) 266 7095

