Application Note – MD *Plus* Series Local Override of Auto Mode

Requirement: For safety and other considerations it is required that the MD*Plus* Series drive with -420 option, when used with plc/SCADA system, be able to override locally the plc/SCADA drive enable contact input

Solution: Replace basic SPST Auto/Manual selector switch mounted at the drive with DPDT as shown

Valid for Models: MD40P-420; MD50P-420; MD50E-420

DPDT Auto / Manual Switch (by user)

Software Parameter 40 set to "5" (Inhibit when IN1 = low)

System shown in "Auto Mode, Drive Enabled" condition

(no connection)

S1 (P3-5)

COM (P3-6)

OPT420 option board

IN1 (P1-12)

(no connection)

plc / SCADA drive enable contact:
Open = drive run
Closed = drive stop

COM (P1-5)

MD40P / MD50P / MD50E main board