

SPECIFICATIONS:

POWER REQUIREMENTS, POSITIONER:

Operating voltage...10 to 30 VDC
 Operating Current (motor on)...87mA typical
 Operating Current (trip output on)...40mA typical
 Standby Current (motor off, trip off)...20mA typical
 Fuse Type...15A 3AG Slo-Blo

COMMAND SIGNAL INPUT:

Common Mode Voltage (all inputs)...-13 to +30VDC
 0-5VDC...Input Impedance = 10K ohms, External Command Pot. = 1K ohm
 0-10VDC...Input Impedance = 20K ohms
 1-5VDC...Input Impedance = 200K ohms, Loss of signal threshold $\leq 0.75V$
 4-20mA...Input Impedance = 250 OHMS $\pm 1\%$, Loss of command signal threshold $\leq 3mA$

FEEDBACK SIGNAL INPUT:

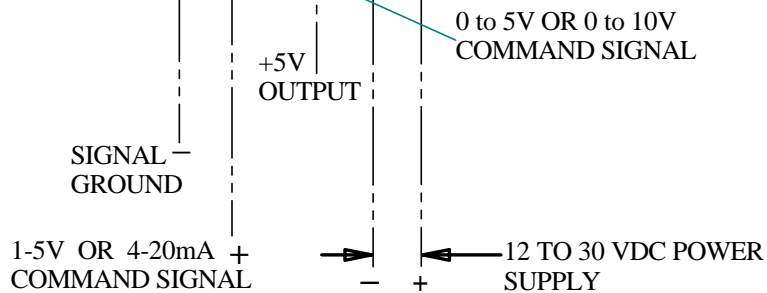
Input Voltage...0 to 5VDC, External feedback pot. 1K to 10K ohms

DC MOTOR OUTPUTS:

FULL LOAD CURRENT = 14A
 LOCK ROTOR CURRENT = 20A

ENVIRONMENTAL:

Operating Temp. = -40 to 65 deg. C, Storage Temp. = -40 to 85 deg. C.
 Relative Humidity Range = 0 to 90% (noncondensing)
 Heater recommended for temperature below 0 deg. F.



ICI Indelac Controls, Inc. Florence, Ky. 41042		
WIRING DIAGRAM FOR K series DC ACTUATOR WITH 4-20mA POSITIONER (with reversing contactors).		
JLR	3-18-2003	B
W030318		