



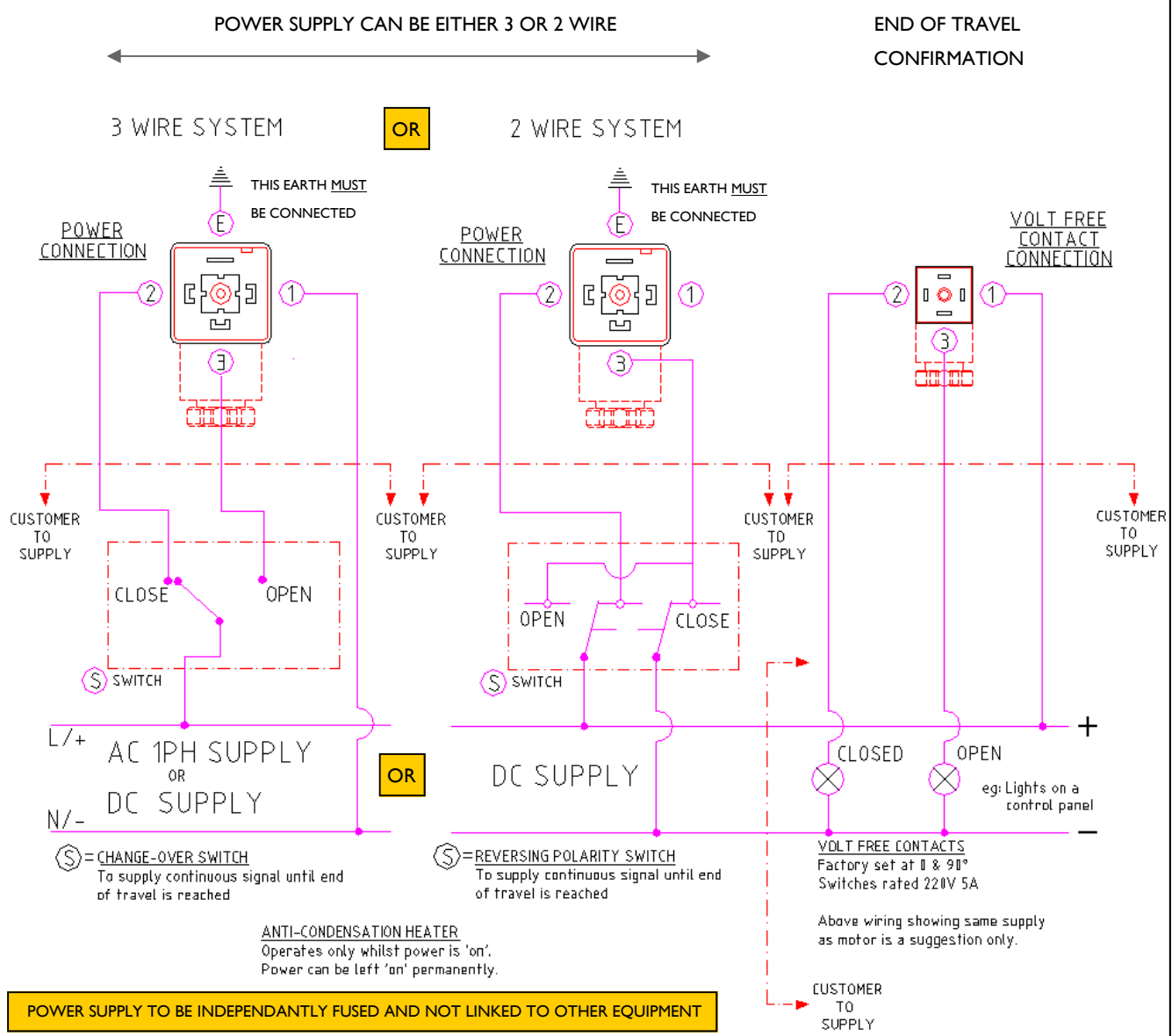
Model **J3**

Wiring Diagram - AC or DC



Doc: J3/STD.WD/02
Jan 2010

AC (1ph) OR DC SUPPLY - WIRING FOR ON-OFF OR FAILSAFE ACTUATORS



FUNCTION: ON-OFF VERSION

Power open, power close
Stays put on mains power failure

FUNCTION: FAILSAFE VERSION

Power open, power close - trickle charges battery system in either open or closed position
Actuator sent by battery power to pre-set failsafe position on power failure
Actuator returns to pre-failure position on power resumption.
Failsafe can be either NC (normally closed) or NO (normally open)



Model **J3**

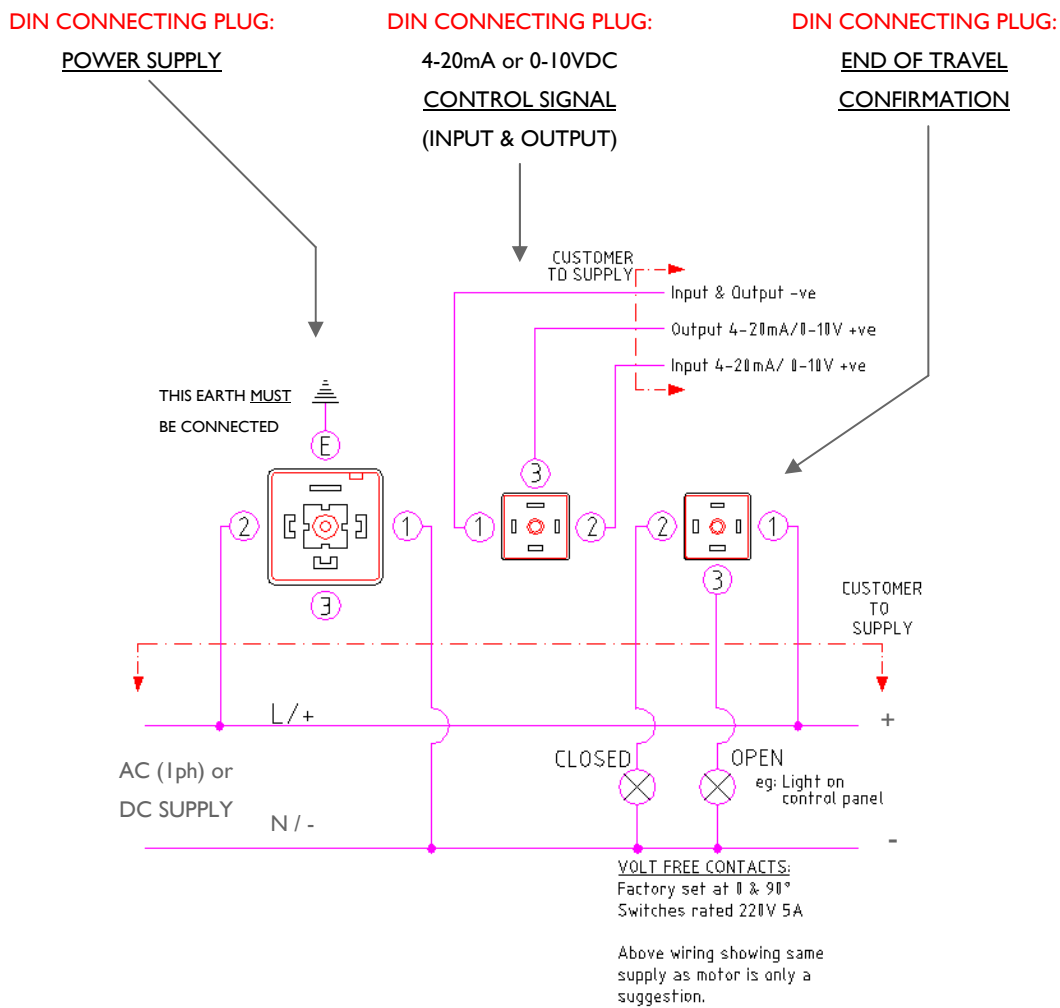
Wiring Diagram - AC or DC



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AC (1ph) OR DC SUPPLY - WIRING FOR MODULATING ACTUATORS



POWER SUPPLY TO BE INDEPENDANTLY FUSED AND NOT LINKED TO OTHER EQUIPMENT

FUNCTION: MODULATING VERSION

Power open, power close - actuator movement controlled by input signal (4-20mA or 0-10VDC)

Standard operation: 4mA or 0V = actuator closed, 20mA or 10V = actuator open (can be reversed)

Standard operation: Actuator closes on loss of control signal, stays put on loss of mains power

Output signal (in same format as supply signal) provided as standard.

The control signal connecting plug is rotated by 180° to avoid connecting the end of travel confirmation plug in the control plug position by mistake - this erroneous connection would damage the positioner beyond repair, and this is not covered by our warranty.