

Slow Controls Communication Tester D1100884 Wiring

Line In (Pwr Supply) Wiring

24 VDC (+) -----Main Pwr Switch p1 (Thermal Switch)
Main Pwr Switch p2 -----Green LED (Anode)
24 VDC (0) -----Green LED (Cathode)
24 VDC (0) -----Beckhoff EK 1100 Jack 5 (Return)

Beckhoff Terminal Power Wiring

Main Pwr Switch p2 (+)-----Beckhoff EK1100 Jack 1 (+24 VDC)
24 VDC (0) -----Beckhoff EK1100 Jack 5 (Return)
Beckhoff EK1100 Jack 1 -----Beckhoff EK1100 Jack 2 (Jumper)
Beckhoff EK1100 Jack 5 -----Beckhoff EK1100 Jack 3 (Jumper)

Beckhoff EK1100 Jack 1 -----Beckhoff EK1101 Jack 1
Beckhoff EK1100 Jack 5 -----Beckhoff EK1101 Jack 5
Beckhoff EK 1101 Jack 1 -----Beckhoff EK1101 Jack 2 (Jumper)
Beckhoff EK1101 Jack 5 -----Beckhoff EK1101 Jack 3 (Jumper)

Beckhoff EK1101 Jack 1 -----Beckhoff EK1501 Jack 1
Beckhoff EK1101 Jack 5 -----Beckhoff EK1501 Jack 5
Beckhoff EK1501 Jack 1 -----Beckhoff EK1501 Jack 2 (Jumper)
Beckhoff EK1501 Jack 5 -----Beckhoff EK1501 Jack 3 (Jumper)

Beckhoff EK1501 Jack 1 -----Beckhoff EK1501-0010 Jack 1
Beckhoff EK1501 Jack 5 -----Beckhoff EK1501-0010 Jack 5
Beckhoff EK1501 Jack 1 -----Beckhoff EK1501-0010 Jack 2 (Jumper)
Beckhoff EK1501 Jack 5 -----Beckhoff EK1501-0010 Jack 3 (Jumper)

Binary Input Terminal Wiring

Switch 1 p1 -----Beckhoff EK1101 / EL1904 Input 1 (I1+)
Switch 1 p2 -----Beckhoff EK1101 / EL1904 Input 1 (I1-) Return

Switch 2 p1 -----Beckhoff EK1501 / EL1904 Input 1 (I1+)
Switch 2 p2 -----Beckhoff EK1501 / EL1904 Input 1 (I1-) Return

Switch 3 p1 -----Beckhoff EK1501-0010 / EL1904 Input 1 (I1+)
Switch 3 p2 -----Beckhoff EK1501-0010 / EL1904 Input 1 (I1-) Return

Binary Output Terminal Wiring

LED 1 (Anode) -----Beckhoff EK1100 / 2904 Output 1
LED 1 (Cathode) -----Beckhoff EK1100 / 2904 Output 3 (Return)
LED 2 (Anode) -----Beckhoff EK1100 / 2904 Output 2
LED 2 (Cathode) -----Beckhoff EK1100 / 2904 Output 4 (Return)
LED 3 (Anode) -----Beckhoff EK1100 / 2904 Output 3
LED 3 (Cathode) -----Beckhoff EK1100 / 2904 Output 5 (Return)