

| Elite 904 Control - Connection Matrix Verify proper operation of door equipment before installing Elite system In Knowing Act (904 switch 3 up) push-n-go MUST be disabled on door equipment | | | | OC-904 Dipswitch Settings | | | | Note: | |
|--|--|--------------------------------------|--|---|---|---------------------------------------|-----------------|---|--|
| | | | | 1 thru 4 OFF(down) See exceptions in Install Notes For Knowing act set dipswitch 3 up. | | | | Purple wires connect to Knowing Act devices only. DO NOT connect purple wires to door control | |
| OC-904 WIRE COLORS | | | | | | | | | |
| Manufacturer | GREEN Stall | YELLOW Activate | BLUE Safety | BLACK Motor negative (-) | RED Motor positive (+) | BROWN Power | ORANGE Power | PURPLE See Note Above | |
| Besam | | | | | | | | N.O. & Com of Knowing act Device (See Note Above) | |
| INSTALL NOTES: | | | | | | | | | |
| 300/400 | Single - Pins 15&16 (see notes) Dual- 15&16 and 17&18 | Pins 13 & 14 | Pins 11 & 12 | Motor Negative(-), see notes | Motor positive (+), see notes | Pin 7 | Pin 8 | LH Operator Black Motor wire +, RH Operator White wire +. Set 904 dipswitch 2 to N.C. (up). On single swings place a jumper from pin 17 to 18. | |
| MP / CUP V6.4 OHC only, NO surface applied | TB2, Pins 11 & 5 | TB2, pins 3 & 4 | TB2, pins 11 & 9 | TB2, pin 13 | TB2, pin 19 | TB2, Pin 17 | TB2, Pin 18 | CUP software must be V 6.4 . Set F11= 3 deg., F13=a, F14=a, F16=00, F17=00, F18=00, F19=b, F20=b. Use sync lines on pairs including 10 to 12 and 12 to 10. | |
| 900 | TB1, Pins 3 & 7 | TB1, Pins 1 & 3 | TB1, Pins 2 & 3 | TB1, Pin 8 | TB1, Pin 10 | TB2, Pin 2 | TB2, Pin 1 | On pairs add sync lines from TB1 pins 1,2,3 & 7 | |
| Dorma | | | | | | | | | |
| EDA | Safety Side & GND | Trigger & GND. | Presensce & GND | GND | Latch | Any +24 V | Any GND | On pairs install sync wire from TRIG to TRIG | |
| ED-400 | SWING & GND | TRIG & GND. | Presensce & GND | Any GND | DATA | Any +24 V | Any GND | On pairs install sync wire from TRIG to TRIG. | |
| Doromatic | | | | | | | | | |
| Astroswing, Gyro tech | Purple & Gray wires | Yellow & Gray wires | Blue & Gray wires | Black Motor wire(-) from control. | Red Motor wire(+) from control. | 12/24 vac xfmr | | Set Function selector switch on DOM control box to Super Nova Slow or Super Nova Stop. | |
| 300/400 | White & Red wires | Black & Red wires | White & Red wires | Red MTR wire or Activate relay Pin B | Black MTR wire or Activate relay Pin A | may be orange or blue | Red Wire | Set door control slide switch to Swing Safe. | |
| Magnum Control Horton | Violet(3) and Red(5) wires | Black(6) and Red(5) wires | White(4) and Red(5) wires | J-5 Pin 1 Red wire | J-5 Pin 2 Black wire | Brown(1) wire | Orange(2) wire | | |
| 4160 Control | Aux. board, Bottom & Top Pins | Black & White wire | Green & White wires | Black Motor wire (-) from control. | Red Motor wire (+) from control. | Power Supply auxiliary 24 VAC, CN3 | | | |
| 4190 Control Including Rev J | CN2 Pins 10 & 8 | CN2 Pins 2 & 3 | CN2 Pins 4 & 3 | Black Motor wire (-) (see notes) | Red Motor wire (+) (see notes) | Power Supply auxiliary 24 VAC, CN3 | | Alternate connection for 904 Red & Black is Red to CN2 pin 7, Black to CN2 pin 12 | |
| Hunter | | | | | | | | | |
| FA-8 | Old FA Saf 2 & Rtn New FA Saf2 & Gnd | Old FA Act & Rtn New FA Act & Gnd | Old FA Saf 1 & Rtn New FA Saf1 & Gnd | Motor - , see notes | Motor + ,see notes | 24 V Out | Gnd | LH operator Blue wire +, RH operator Red wire+. Optional connection is red wire to sensor + and black wire to sensor - at New FA control. | |
| Keane Monroe | | | | | | | | | |
| K-Control | Yellow & White | Green & White | Red & White | Black Motor wire | Red Motor wire | J-6 Blue wires | | | |
| 8000 | Pins 10 & 11 | Pins 1 & 2 | Pins 4 & 8 | Pin 6 (see notes) | Pin 9 (see notes) | Pin 4 | Pin 3 | Set 904 control dipswitch 2 N.C. (up), program 8000 AUX1 OUT to 1-BEA Bodyguard | |
| Stanley | | | | | | | | | |
| Tan L Shape Cont. | Yellow wire and stall safety input *** (See Notes) *** | Yellow & Orange wires | Yellow wire and mat safety input *** (See Notes) *** | White Motor wire (-) | Black Motor wire(+) | 12/24 vac xfmr | | On six pin Molex connector, mat safety input is the pin in line with the yellow and orange wires. Stall input pin is directly to the side and next to mat safety input. Select Timer logic on control | |
| MP (HDLE) Control | TB1, Pins 7 & 8 | TB1, Pins 1 & 3 | TB1, Pins 7 & 8 | Motor - , see notes | Motor + , see notes | TB1, Pin 4 | TB1, Pin 5 | Magicswing Operator Black motor wire is positive(+). Magicforce RH operator Black wire is positive (+), LH operator White wire is positive(+). On Stanley control set S 2 switches 1 and 3 "Off". | |
| 521 Control Tormax | TB3, Pins 3 & 4 | TB4, Pins 3 & 4 | TB4, Pins 7 & 8 | TB1 Pin 10, or motor - , see notes | TB1 Pin 8, or motor +, see notes | TB4, Pin 5 | TB4, Pin 6 | When using TB1 for Red & Black wires a 300 ohm 5 watt resistor must be installed from TB1 pin 1 to pin 8. For motor wire polarity see note above. When programming 521 control, set Safety Logic to Sensor. | |
| TDA | Module C Pins 8 & 7 | Module C Pins 1&2 | Module C Pins 8 & 9 | Module C Pin 1 | Module1,Relay A,E14 | Module C Pin 10 | Module C Pin 8 | On simultaneous pairs or double egress call Optex for additional wiring instructions. | |
| TTX2 Smart Drive | Pins 14 & 15 (N/C) | Pins 4 & 5 | Pins 18 & 19 (N/C) | Pin 11 | Pin 12 | Pin 20 | Pin 17 | On TTX set solid 2 to flashing 2, solid 4 to flashing 2. On 904 set dipswitches 1,2 up, 4 down. On pairs use D.P.D.T relays for Activation and safety. | |