

| OC-913 Control - Connection Matrix | | | | | | | | OC-913 DIPSWITCH SETTINGS |
|--|---|----------------------|--|---|--|---|------------------------------|---|
| If you do not see your model operator listed below, contact Optex technical support at (800)877-6656 | | | | | | | | 913 dipswitches set (1 down, 2 up, 3 up, 4 thru 8 down) unless otherwise stated in OEM Specific Install Notes. GENERAL INSTALL NOTES: If using safety beam with Premier, connect beam output to purple wires of 913, set dipswitch 4 OFF unless stated otherwise in OEM Install notes. If using swing side DMSS refer to Optex OA-Edge connection matrix. |
| OC-913 CONTROL WIRE COLORS | | | | | | | | |
| 913 PURPLE WIRES - Safety Beam Input When Dipswitch 4 is OFF. Knowing Act Input When Dipswitch 4 is ON. Dipswitch 4 OFF- connect to COM & N/O of Safety Beam. Dipswitch 4 ON - Connect to COM & N/O of Knowing Act Devices. | | | | | | | | |
| 913 GREEN WIRES - Use with Secondary Activation sensor when dipswitch 4 is ON. See general wiring in installation manual. | | | | | | | | |
| | ACT | SAF | MOTOR INPUT | | DATA INPUT | | POWER INPUT | |
| Manufacturer | YELLOW | BLUE | BLACK | RED | WHITE | WH/RED | BROWN | ORANGE |
| Besam | | | | | | | | |
| 300/400 | Pins 12 & 13 | Pins 11 & 12 | Motor Negative(-), see notes | Motor positive (+), see notes | | | Pin 7 | Pin 8 |
| MP / CUP | TB2, pins 3 & 4 | TB2, pins 4 & 9 | TB2, pin 13 | TB2, pin 19 | | | TB2, Pin 17 | TB2, Pin 18 |
| 900 | Pins 2 & 3 | Pins 2 & 3 | Pin 4 | Pin 10 | | | Pin 11 | Pin 12 |
| Powerswing CSDA | TB-1 Pins 3 & 4 | TB-2 Pins 1 & 2 | Opening Solenoid (-) wire | Opening Solenoid (+) wire | | | TB-2 Pin 2 | TB-2 Pin 4 |
| Powerswing CSDB | CSDB TB2 Pins 11 & 14 | EXB TB4 Pins 26 & 30 | | | EXB TB4 Pin 31 | EXB TB4 Pin 32 | EXB TB4 Pin 32 | EXB TB4 Pin 26 |
| SW-100/200 | Pins 1 & 2 | Pins 1 & 4 | | | Pin 5 | Pin 6 | Pin 1 | Pin 6 |
| Dorma | | | | | | | | |
| EDA | Trigger & Gnd | Presence & Gnd | Gnd | Latch | | | Any +24 V | Any Gnd |
| ED-400 & New Style ED-700 | Trigger & Gnd | Presence & Gnd | | | GND | DATA | Any +24 V | Any Gnd |
| ED-700 Old Style | CN2 Pins 2 & 3 | CN2 Pins 4 & 3 | CN2, Pin 12 | CN2, Pin 7 | | | P.S. 24 VAC-CN3 or Pin 7-CN2 | P.S. 24 VAC-CN3 or Pin 6-CN2 |
| Doromatic | | | | | | | | |
| Astroswing | Yellow & Gray wires | Blue & Gray wires | Black Motor wire(-) from control. | Red Motor wire(+) from control. | | | 12/24 vac xfmr | 12/24 vac xfmr |
| Gyrotech/Nabco | | | | | | | | |
| 300/400 Analog | Black & Red wires | White & Red wires | Red MTR Wire(-) or Activate relay Pin B | Blk MTR wire(+) or Activate relay Pin A | | | 12/24 vac xfmr | 12/24 vac xfmr |
| Magnum Cont. | Black(6) & Red(5) | White(4) & Red (5) | J-5 Pin 1 Red wire | J-5 Pin 2 Black wire | | | 12/24 vac xfmr | |
| U-Control | Red(7) & Black(61) | Red(7) & White(6B) | Red Motor Wire | Blue Motor Wire | | | 12/24 vac xfmr | |
| Horton | | | | | | | | |
| 4160 Control | Black & White wire | Green & White wires | Black Motor wire (-) from control. | Red Motor wire (+) from control. | | | Power Supply 24 VAC, CN3 | Power Supply 24 VAC, CN3 |
| 4190 Control | CN2 Pins 2 & 3 | CN2 Pins 4 & 3 | CN2, Pin 12 | CN2, Pin 7 | | | P.S. 24 VAC-CN3 | P.S. 24 VAC-CN3 |
| Hunter | | | | | | | | |
| FA/HA-8 Old | RTN & ACTN | RTN & SAFE 1 | MTR (-) see note | MTR (+) See Note | | | 24VAC | OUTPUT |
| FA/HA-8 New | COM & ACTN | COM & SAFE 1 | | | Sensor (-) | Sensor (+) | 24VAC | OUTPUT |
| 09722EG Control | COM & ACT1 | COM & SAFE 2 | | | Data (-) | 24 DC (+) | 24 VDC (+) | 24 VDC (-) |
| Keane Monroe/Record | | | | | | | | |
| 2000, B Control | Red & Green wires | White & Green wires | AC motor, Blk to one wire Red to the other | | | | 12/24 vac xfmr | 12/24 vac xfmr |
| K-Control | White & Green | White & Red | Black Motor wire | Red Motor wire | | | 12/24 vac xfmr | 12/24 vac xfmr |
| 8000/6100 | Pins 1 & 2 | Pins 4 & 8 | | | Pin 6 | Pin 9 | Pin 1 | Pin 3 |
| LCN | | | | | | | | |
| 2500/9300 | Use LCN Retro harness part # 761469 and connect same as Doromatic Astroswing. Check Optex for possible available harness kit instead. | | | | | | | |
| Astroswing | Use LCN Retro harness part # 761469 and connect same as Doromatic Astroswing. Check Optex for possible available harness kit instead. | | | | | | | |
| Benchmark 9100 (See Notes) | Main ACT & COM | Safety & COM | Motor wire (-) | Motor Wire (+) | | | 17 VAC | ACC Power |
| Equalizer | Pins 16 & 17 | Pins 19 & 21 | Solenoid (-) | Solenoid (+) | | | Pin 1 | Pin 2 |
| Lockman Peck | | | | | | | | |
| B-100 Super swing | Pins 1 & 2 | Pins 4 & 10 | | | Data (-) | Data (+) | Pin 12 | Pin 13 |
| Motion Access | | | | | | | | |
| Latest Condor | J9 L & M | J9 H & I | | | J9 J | J9 K | J9 F | J9 G |
| Noton / Rixon | | | | | | | | |
| Norton 6900 | | | JP3 white wire second pin down | JP3 white wire Top Pin | | | JP4 Pin 1 | JP4 Pin2 |
| Rixon 2910 | JP1 pins 13 & 14 | JP1 Pins 11 & 12 | | | | | | |
| Stanley | | | | | | | | |
| L shape Control | Yellow & Orange wires | Yellow & Red wires | White Motor wire (-) | Black Motor wire(+) | | | 12/24 vac xfmr | 12/24 vac xfmr |
| MP Control (HDLE) | TB1, Pins 1 & 3 | TB1, Pins 7 & 8 | Motor - , see notes | Motor + , see notes | | | TB1, Pin 4 | TB1, Pin 5 |
| MC-521 Control | TB4, Pins 3 & 4 | TB4, Pins 7 & 8 | Motor - , see notes | Motor + , see notes | OPTION 1 MOTOR OC-913 Dipswitch 8 OFF(down) | OPTION 2 DATA OC-913 Dipswitch 8 ON (up) | TB1 Pin 8 see notes | TB1 Pin 10 |
| Tormax | | | | | | | | |
| TDA | 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 |
| TTX2,Smart Drive | Pins 4 & 5 | Pins 18 & 19 (N/C) | Pin 11 | Pin 12 | | | Pin 20 | Pin 17 |
| 1301 iMotion | C1 & C2 | B1 & B2 | E3 | E4 | | | B8 | B5 |