

Premier 903 Control - Connection Matrix							OC-903 DIPSWITCH SETTINGS
If you do not see your model operator listed below, contact Optex technical support at (800)877-6656.							903 dipswitches set (1 down, 2 up, 3 up, 4 down) unless otherwise specified in installation notes.
903 CONTROL WIRE COLORS							
903 PURPLE WIRES - Connect to N/O and Com of safety beams when used (see exceptions listed in Installation Notes).							INSTALLATION NOTES:
Manufacturer	YELLOW	BLUE	BLACK	RED	BROWN	ORANGE	
Besam							
300/400	Pins 12 & 13	Pins 11 & 12	Motor Negative(-), see notes	Motor positive (+), see notes	Pin 7	Pin 8	LH Operator Black Motor wire +, RH Operator White wire +. Verify jumpers from Pins 15 to 16 & 17 to 18 unless connected to swing side door mounted sensor.
MP / CUP	TB2, pins 3 & 4	TB2, pins 4 & 9	TB2, pin 14	TB2, pin 19	TB2, Pin 17	TB2, Pin 18	Use PMD to program F12= 3 deg. less than F10, F13=a, F14=a, F16=05, F17=00, F18=00, F19=b, F20=a. Set 903 dipswitch 4 to "reverse"(up).
900	Pins 2 & 3	Pins 2 & 3	Pin 4	Pin 10	Pin 11	Pin 12	Open check on operator should be set to a range no greater than 15 degrees
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	Dipswitchs on 903 = 1 up, 2 down, 3 up, 4 down. Jumper W-7 on CSDA must be removed.
Dorma							
EDA	Trigger & Gnd	Presence & Gnd	Gnd	Latch	Any +24 V	Any Gnd	Set 903 LOUOT Pot to full CCW. Connect N/O & COM from safety beam to EDA control at Safety Beam & Gnd
ED-400 & New Style ED-700	Presence & Gnd	Presence & Gnd	GND	DATA	Any +24 V	Any Gnd	Set 903 dipswitches 1 OFF, 2 OFF, 3 ON, 4 OFF. Set 903 LOUOT Pot full CCW. When using safety beams output must connect to door control not to 903 (Beam & GND on control).
ED-700 Old Style	CN2 Pins 2 & 3	CN2 Pins 4 & 3	Black Motor wire (-) from control.	Red Motor wire (+) from control.	P.S. 24 VAC-CN3 or Pin 7 CN2	P.S. 24 VAC-CN3 or Pin 6 CN2	LOUOT pot on Door Control must be full Counter clockwise
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	Set Function select on control box to Carpet mode (Normally "B").
Gyrotech/Nabco							
300/400	Black & Red wires	White & Red wires	Red MTR Wire(-) or Activate relay Pin B	Black MTR wire (+) or Activate relay Pin A	12/24 vac xfmr	12/24 vac xfmr	Verify minimum open time delay 1.5 seconds prior to connecting Premier. Set slide switch to safety Standard
Magnum Cont. Excluding 500	Black(6) & Red(5)	White(4) & Red (5)	J-5 Pin 1 Red wire	J-5 Pin 2 Black wire	12/24 vac xfmr		Use of Safety beam in guide rail not recommended. Use swing side door mounted sensor
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	LOUOT pot on 4190 must be full Counter clockwise when used with safety beam in guide rail.
4190 (REV. J)	CN2 Pins 2 & 3	CN2 Pins 4 & 3	CN2, Pin 12	CN2, Pin 7	P.S. 24 VAC-CN3	P.S. 24 VAC-CN3	Connect Safety beam output to 4190 CN2 pins 6 & 9. Adj. 4190 LOUOT for proper lockout time. Set OC-903 LOUOT pot Full CCW
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	Set 903 dipswitch 3 to "Auto"(down).
K-Cont.- Except Low energy	White & Green	White & Red	Black Motor wire	Red Motor wire	12/24 vac xfmr	12/24 vac xfmr	
8000/6100	Pins 4 & 8	Pins 4 & 8	Pin 6 (see notes)	Pin 9 (see notes)	Pin 4	Pin 3	Set 903 dipswitch 2 down. Program 8000/6100 AUX1 Output & Input to 1-BEA Bodyguard. Set 903 LOUOT Pot full counterclockwise.
LCN							
2500/9300 Astroswing	Need Retrofit Wire Harness for connector plug P-8. Wiring same as Doromatic Astroswing listed above (no function selector)						LCN Retro harness part # 761469. Check with Optex for possible available harness kit
Stanley							
L shape Control	Yellow & Orange wires	Yellow & Red wires	White Motor wire (-)	Black Motor wire(+)	12/24 vac xfmr	12/24 vac xfmr	May need to move red wire on Stanley six pin connector in line with yellow and orange wires. If selectable use Carpet Logic.
MP Control (HDLE)	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 White wire is positive(+). On Stanley Dipswitch S-2 set switches 1 and 3 "ON". If using swing side door mount sensor instead of beams change the dipswitch settings as follows, OC-903 - 2 OFF, Stanley control S-2 - 1 & 3 OFF.
MC-521 Control	TB4, Pins 3 & 4	TB4, Pins 7 & 8	Motor -, see notes	Motor +, see notes	TB4, Pin 5	TB4, Pin 6	See above note for motor polarity. Safety beam N.O.& COM go to TB5 pins 7 & 8. Set 903 LOUOT Pot to full CCW.
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	TDA requires jumper from Module C pin 5 to module E Relay A pin E11
TTX2,Smart Drive	Pins 4 & 5	Pins 18 & 19 (N/C)	Pin 11	Pin 12	Pin 20	Pin 17	On TTX control set solid 2 to flashing 5. 903 dipswitch 1 must be set to ON (N/C). On pairs DPDT relays necessary for Activation and safety. Call Tech support for details.