Elite Pro OC-907C T Control - Connection Matrix (Non-Monitored Applications)
The INSTALLER is responsible to ensure conformance to the applicable ANSI Standard ad/or local codes.

Verify proper operation of automatic door system before installing Elite Pro.

If Knowing Act function is enabled (907C T switch #3 ON or enabled by app),
push & go (Push/Pull Activation) MUST be disabled on automatic door system.

OC-907C T WIRE COLORS

Manufacturer:	GREEN — Stall	YELLOW — Activate	PINK — Test	RED — Motor / Data	BROWN — Power	ORANGE — Power	WHITE — Switch	PURPLE — Knowing Act Input (See Note Above) / OEM Installation Notes:
Besam	GREEN	YELLOW	PINK	RED	BROWN	ORANGE	WHITE	**OEM Installation Notes:**
300/400	Single Swings Pins 15 & 16 (see notes**) / Pairs Pins 15 & 16 and 17 & 18	Pins 13 & 14 (See Notes)		Motor (-) & Motor (+)	Pin 7	Pin 8		** On single swings install jumper from pin 17 to 18. **(Yelow wires)** When Using ON/OFF/HOLD switch, one yellow wire must route thru switch to prevent activation in OFF mode.
MP / CUP V6.4 OHC only, **NO SURFACE APPLIED**	TB2, Pins 11 & 5	TB2, Pins 3 & 4		TB2, Pins 13 & 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. On Pairs use sync lines from master to slave pins 3,4,5,9 including 10 to 12 and 12 to 10.
900	TB1, Pins 3 & 7	TB1, Pins 1 & 3		TB1, Pin 8 & 10	TB2, Pin 11	TB2, Pin 12		On pairs if no Besam sync cable, add sync lines Master to Slave TB1 pins 1,2,3 & 7
SW-100 & SW-200 Single & Pairs **Note:** **Double Egress Contact Optex**	EXU-SA Board Pins 1 & 3 See Notes	CU-ESD Board Pins 1 & 2		CU-ESD Board Pins 5 & 6	CU-ESD Board Pin 1	CU-ESD Board Pin 6		On EXU-SA board, remove jumper from pin 1 to pin 3, keep jumper from pin 1 to pin 2. On Sim Pairs Besam Sync cable required & all connections parallel to Master except green wires (Greens connect to each individual EXU-SA board).
Dorma	GREEN	YELLOW	PINK	RED	BROWN	ORANGE	WHITE	
ED-400	SWING & GND	TRIG & GND.		DATA & Any GND	Any +24 V	Any GND		On pairs install sync wire from TRIG to TRIG.
ED-700 Old style	Refer to Horton 4190 Connections							
ED 100 / 250	**X5 Pins 3 & 15**	**X4 Pins 3 & 42**		**Motor Voltage terminals (-) & (+)**	**X4 Pin 1**	**X4 Pin 3**		*Door controllres must have firmware version 2.5 or higher. Prior to performing Elite Automatic Setting/Learn, ensure Dorma controller parameter ST is set to 0. On Pairs wire 907's to each individual door controller. After commissioning door & sensors, run jumpers between the two controls on X4-42 to X4-42 & X4-3 to X4-3. If door holds open after installation of jumpers, reverse the connections (42 to 3 and 3 to 42).*
Doromatic	GREEN	YELLOW	PINK	RED	BROWN	ORANGE	WHITE	
Astroswing/Senior Swing	Purple & Gray wires	Yellow & Gray wires		Black & Red Motor wires from control.	12/24 vac xfmr			Set Function selector switch on DOM control box to Super Nova Slow or Super Nova Stop.
Entrematic / Hunter	GREEN	YELLOW	PINK	RED	BROWN	ORANGE	WHITE	
FA-8 Old	Saf 2 & Rtn	Act & Rtn		Motor (-) & Motor (+)	24 V Out	Gnd		
FA-8 New	Saf2 & Gnd	Act & Gnd		Sensor(-) & Sensor (+)	24 V Out	Gnd		
HA-9	EXU-SA Board Pins 1 & 3 See Notes	CU-ESD Board Pins 1 & 2		CU-ESD Board Pins 5 & 6	CU-ESD Board Pin 1	CU-ESD Board Pin 6		On EXU-SA board, remove jumper from pin 1 to pin 3, keep jumper from pin 1 to pin 2. On Sim Pairs Besam Sync cable required & all connections parallel to Master except green wires (Greens connect to each individual EXU-SA board).
Gyrotech / Nabco	GREEN	YELLOW	PINK	RED	BROWN	ORANGE	WHITE	
300/400 Analog	White & Red wires	Black & Red wires		Red & Black Motor wires, OR, Activatation Relay Pins A & B	12/24 vac xfmr			Set door control slide switch to Swing Safe.
Magnum Control	Violet(3) and Red(5)	Black(6) and Red(5)		J-5 Pin 1 Red wire & Pin 2 Black wire	12/24 vac xfmr			
U-19 Control	Red (7) & White (6B)	Black (61) & Red (7)		Red & (Black or Blue) Motor Wires See Notes	12/24 vac xfmr			Red & Black connect to motor wires before handing harness. On Sim Pair all 907 T wires except red go to master control (Master is identified by blue wire on pin 10). Reds connect to each individual motor circuits.
Opus Control	**Pins 2 & 5**	**Pins 2 & 3**		**Pins 1 & 13**	**Pin 2**	**Pin 1**		*All Activation devices connect to the 907CT Purple Wires. Prior to perfroming Elite Automatic Setting/Learn, ensure Opus control is set as follows - "Output 1" = Sensor Monitoring (N.O.), "Output 2" = Bodyguard Output, "Input 61" = Not Active, "Input 6B" = Not Active. On Pairs wire 907 CT's to each individual control and use Opus Sim Pair harness P/N M-01680.*

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push & go (Push/Pull Activation) MUST be disabled on automatic door system.

OC-907C T Dipswitch Settings

SW 1 ON = app setup.	OFF = dipswitch setup.
SW 2 ON = wi-fi on.	OFF = wi-fi off.
SW 3 ON = knowing act on.	OFF = fully automatic.
SW 4 ON = test enabled.	OFF = test diabled.
SW 5 THRU 8 must be OFF.	

Note:

**Connect Knowing Act devices to purple & white/purple wires.
DO NOT connect purple & white/purple wires to door control.**

OC-907C T WIRE COLORS

	GREEN Stall	YELLOW Activate	PINK Test	RED Motor / Data	BROWN Power	ORANGE Power	WHITE Switch	PURPLE Knowing Act Input (See Note Above)
Horton	GREEN	YELLOW	PINK	RED	BROWN	ORANGE	WHITE	
4160 Control (see notes)	Aux. Board, Bottom & Top Pins	Black & White wire		Red & Black Motor wires from control.	Power Supply auxilary 24 VAC, CN3			Simultaneous Pairs require DPDT relays to isolate safety inputs. Contact Optex for further information.
4190 Control Including Rev J	CN2 Pins 10 & 8	CN2 Pins 2 & 3		CN2 Pins 7 & 12 (see notes)	Power Supply auxilary 24 VAC, CN3			On 4190 control "L.OUT" Delay Potentiometer must be adjusted so Lock Out orange LED is ON until door reaches full closed position.
Keane Monroe/Record	GREEN	YELLOW	PINK	RED	BROWN	ORANGE	WHITE	
K-Control	Yellow & White	Green & White		Black & Red Motor wires	J-6 Blue wires			
8000	Pins 10 & 11	Pins 1 & 2		Pin 6 & 9 (see notes)	Pin 4	Pin 3		Set 907C T dipswitch 2 N.C. (up). Program 8000 AUX1 Output & Input to 1-BEA Bodyguard. On Pairs connect all wires in parallel to master EXCEPT green. Connect green (stall) to master & slave.
HA-9	(Refer to Entrematic/Hunter HA-9)							
LCN	GREEN	YELLOW	PINK	RED	BROWN	ORANGE	WHITE	
2500/9300 series (See Notes)	Needs Special Harness, See Notes							Use LCN Retro harness part # 761469 and connect same as Doromatic Astroswing. Check Optex for possible available harness.
Motion Access	GREEN	YELLOW	PINK	RED	BROWN	ORANGE	WHITE	
Condor 506	J-9, N & O	J-9, L & M		J-9, J & K	J-9, F	J-9, G		
Quad Systems	GREEN	YELLOW	PINK	RED	BROWN	ORANGE	WHITE	
ES-500	CN6 Green & Black	CN2 ACT & COM		CN6 Red & Brown	CN6 Brown	CN2 24VDC & COM		
Stanley	GREEN	YELLOW	PINK	RED	BROWN	ORANGE	WHITE	
Tan L Shape Control	Yellow wire & stall safety input (See Notes)	Yellow & Orange wires		White (-) & Black (+) Motor wires	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
MP (HDLE) Control	TB1, Pins 7 & 8	TB1, Pins 1 & 3		Motor (-) & Motor (+)	TB1, Pin 4	TB1, Pin 5		On Stanley control set S- 2 switches 1 and 3 "Off".
MC 521 / 521 Pro / IQ Controls	TB3, Pins 3 & 4	TB4, Pins 3 & 4		OPTION 1 MOTOR Motor(-) & Motor(+) OPTION 2 DATA see notes	TB3, Pin 5	TB3, Pin 6		When programming 521, 521 Pro or IQ, set Safety Logic to Sensor. .**NOTES BELOW APPLY ONLY WHEN USING OPTION 2 DATA:** **On MC-521 (Yellow Label)** A 300 ohm 5 watt resistor must be installed on TB1 pin 1 to pin 8 and red motor leads go to TB1 8 & 10. **On MC-521 Pro (Black Label) or IQ** No resistor is required. Connect Red motor leads to TB1 pins 1 & 8.
Tormax	GREEN	YELLOW	PINK	RED	BROWN	ORANGE	WHITE	
TDA (SEE NOTES)	Module C Pins 8 & 7	Module C Pins 1 & 2		Module C Pin 1 & Module 1 Relay A - E14	Module C Pin 10	Module C Pin 8		Connections shown for singles. On simultaneous pairs or double egress call Optex for additional wiring instructions.
TTX2 Smart Drive	Pins 14 & 15	Pins 4 & 5		Pins 11 & 12	Pin 20	Pin 17		On TTX set solid 2 to flashing 2, solid 4 to flashing 2. On 907 set dipswitches 1&2 up, 4 down. Pairs may require D.P.D.T relays to isolate activation and safety inputs.
iMotion 1301 (See Notes)	*A1 & A2*	*C1 & C2*		*E3 & E4*	*B8*	*B5*		*Connections shown for singles. On simultaneous pairs or double egress call Optex for additional wiring instructions.*