

# ED900 PAIR OF DOORS: PUSH/PULL OPERATION HARD WIRED ACTUATORS

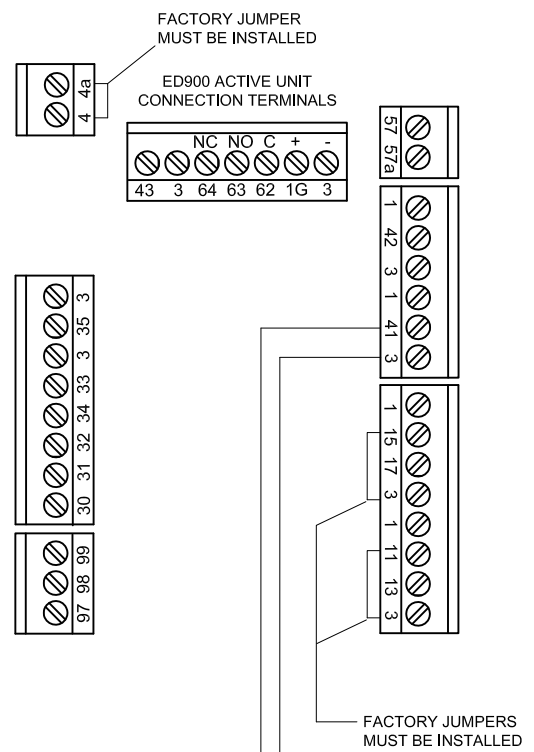
**OPERATION:** Push/Pull Operation. No provisions for locking. Manual entrance and egress by Push/Pull. Power assisted entrance and egress by depressing WS-1 Wall Actuator which triggers both ED900 J8 Low Energy Operators to open both doors simultaneously.

**NOTES:** 1) All wiring and interface between ED900 Low Energy Operators and EAC components to be determined and supplied by others.  
2) All settings for ED900 Low Energy Operators to be determined and set in field by others.

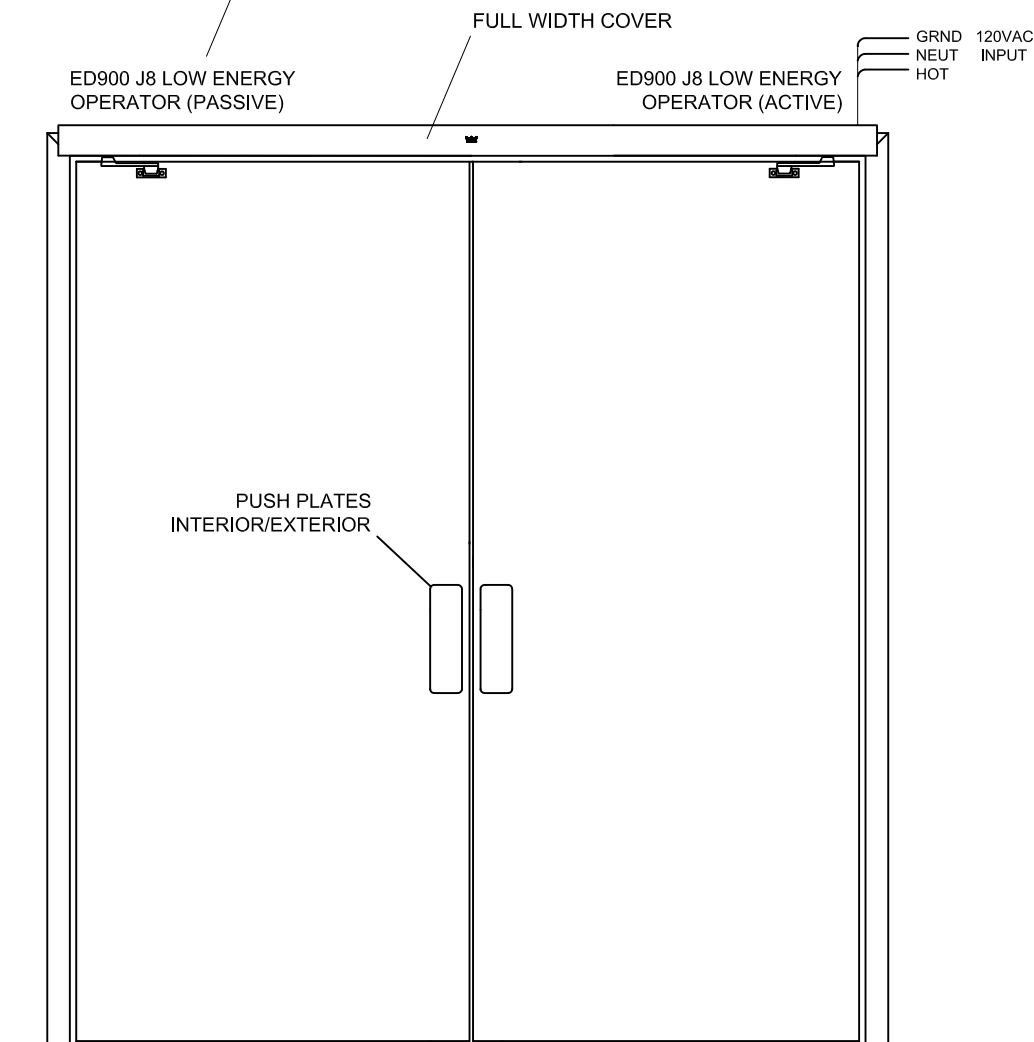
**PARTS LIST:**

- 1 EA. - ED900 PR J8 FWPRS Low Energy Operator: 115 VAC +/- 10% 50/60 Hz, 6.6 A max. (INCLUDES (2) ED900 J8 UNITS) (DORMA)
- 2 EA. - WS-1 Wall Actuator (DORMA)
- 2 EA. - Push/Pulls (BY OTHERS)

MINIMUM WIRE GAUGE CHART (AWG) FOR 24V AC/DC								
AMPS	DISTANCE IN FEET FOR 2 CONDUCTORS FROM POWER SOURCE TO LOCKING DEVICE							
	25	50	75	100	150	200	250	300
.25	18	18	18	18	18	18	18	18
.50	18	18	18	18	18	18	18	16
.75	18	18	18	18	18	16	16	14
1.00	18	18	18	18	16	16	14	14
1.50	18	18	18	16	16	14		
2.00	18	18	16	16	14			
2.50	18	18	16	14				
3.00	18	16	14	14				



NOTE: ALL TRIGGER INPUTS FOR ED900 PASSIVE UNIT RECEIVED FROM ED900 ACTIVE UNIT THROUGH CONNECTING CABLE



REV A	6-6-16	BLW	UPDATED TEXT, REVISED ACTUATORS
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NOTE: This wiring diagram is provided to assist in interfacing DORMA USA products into the system described above. Compatibility and functionality of components not supplied by DORMA are not guaranteed. Component failure resulting from improper wiring is not covered by warranty. Refer to individual device product information sheets and installation instructions for wire gauge sizes and additional information.

**DORMA USA**  
 REAMSTOWN, PENNSYLVANIA 17567  
 DIAGRAM No. 900-WD026

