

ED900 SINGLE DOOR: PUSH/PULL OPERATION

433MHz WIRELESS ACTUATORS

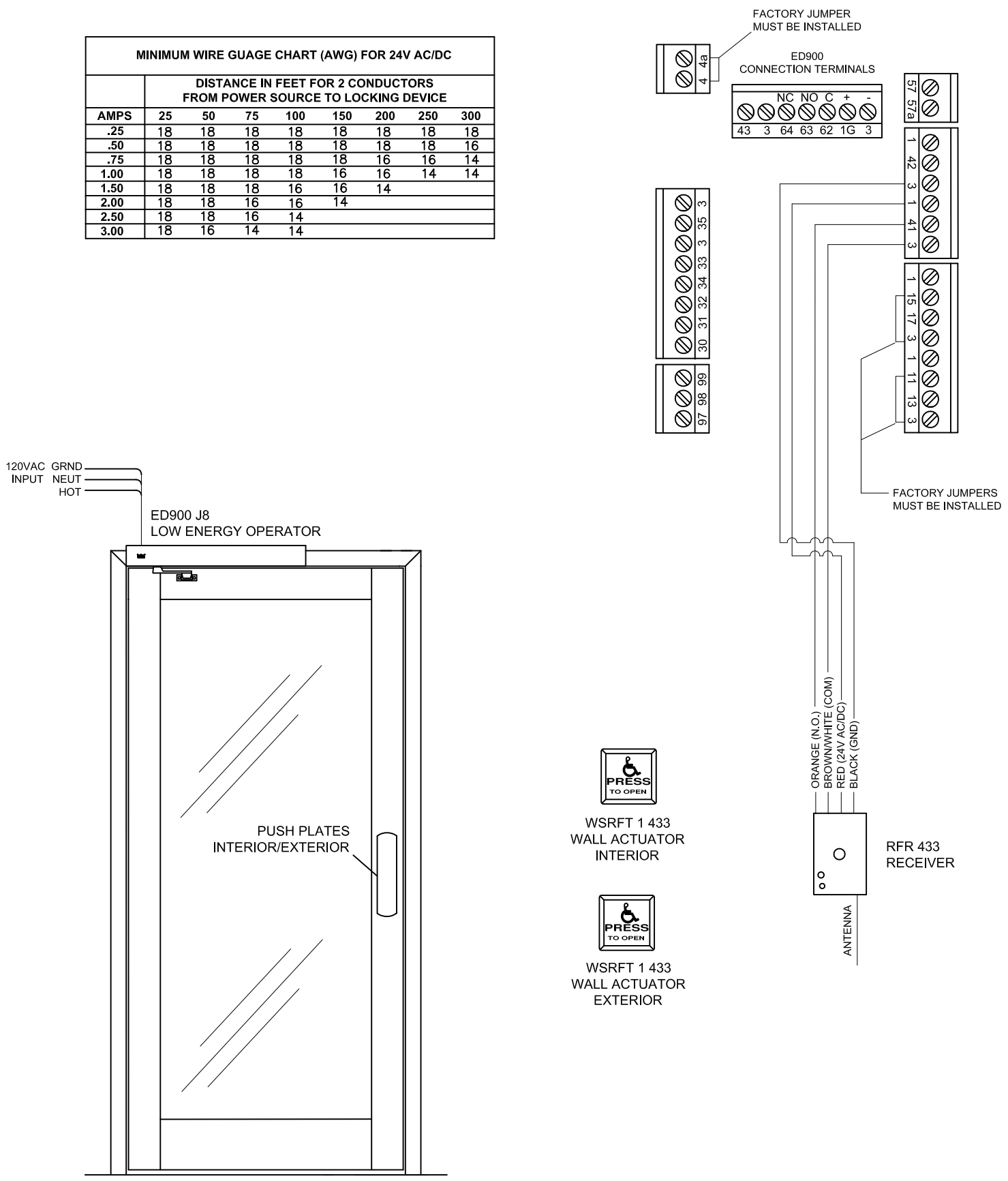
OPERATION: Push/Pull Operation. No provisions for locking. Manual entrance and egress by Push/Pull. Power assisted entrance and egress by depressing WSRFT-1 433 Wall Actuator which triggers the ED900 J8 Low Energy Operator to open the door.

NOTE: 1) All wiring and interface between ED900 J8 Low Energy Operator and EAC components to be determined and supplied by others.
2) All settings for ED900 J8 Low Energy Operator to be determined and set in field by others.

PARTS LIST:

- 1 EA. - ED900 J8 Low Energy Operator, 115 V AC +/- 10% 50/60 Hz, 6.6 A max. (DORMA)
- 1 EA. - RFR 433 Receiver (DORMA)
- 2 EA. - WSRFT 1 433 Wall Actuator (DORMA)

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				



REV A	6-6-16	BLW	UPDATED RFR 433 POWER WIRING, REVISED ACTUATORS
-------	--------	-----	---

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-WD040

