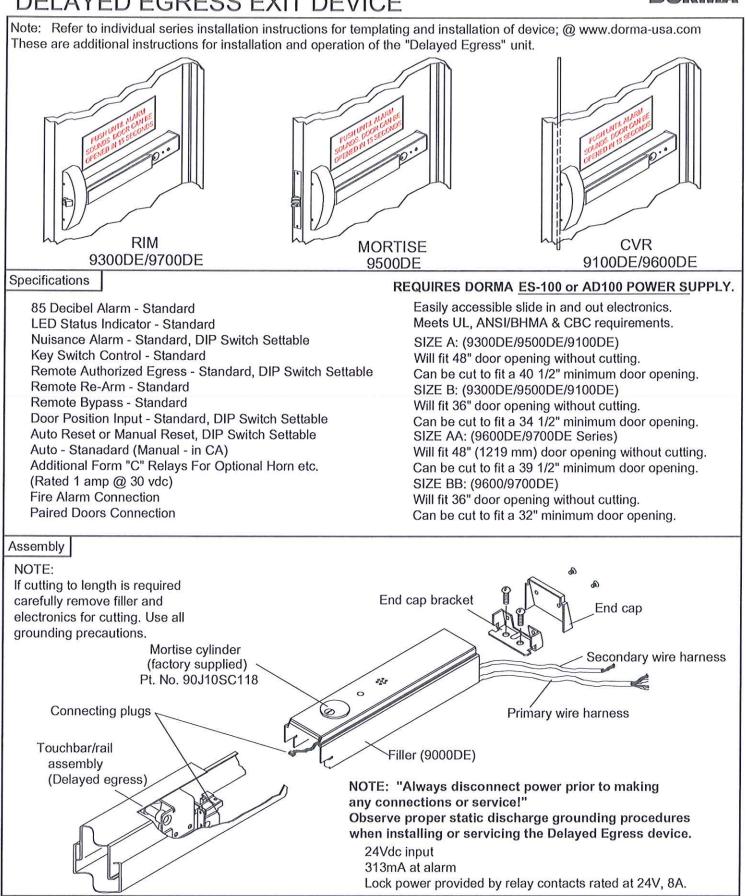
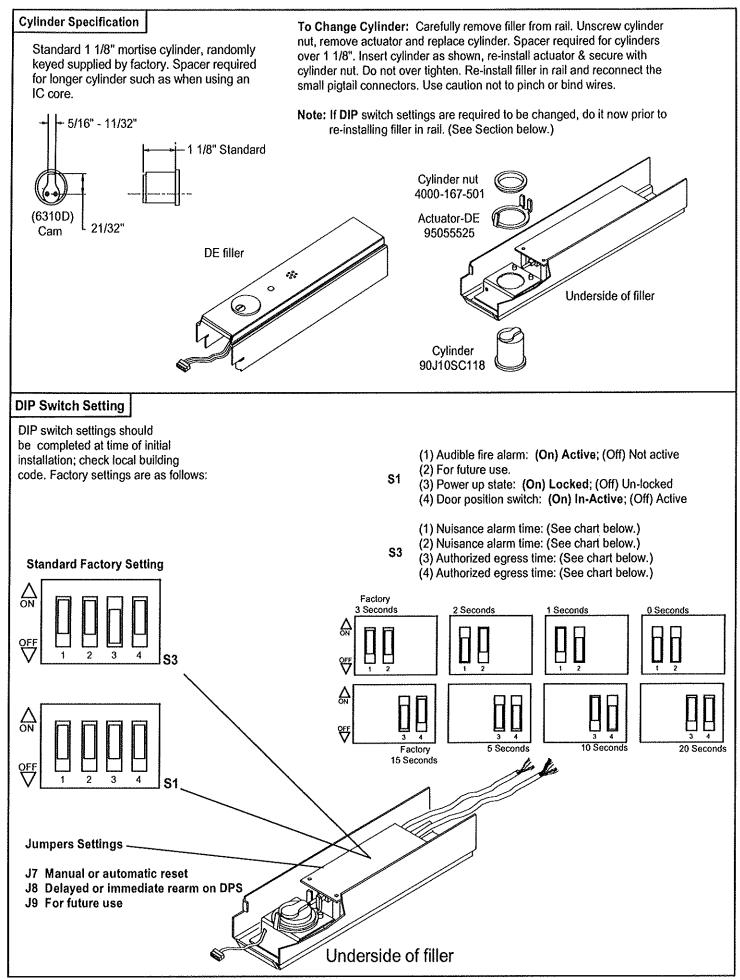
INSTALLATION INSTRUCTIONS 9000DE SERIES DELAYED EGRESS EXIT DEVICE





1



Basic Wire Connection

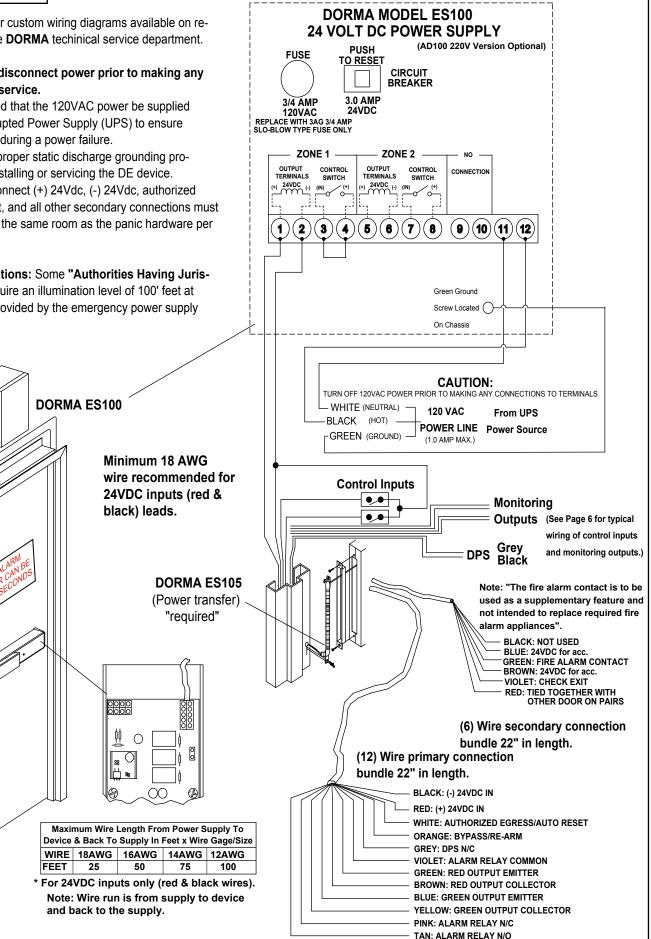
UL294.

Specific project or custom wiring diagrams available on request, consult the DORMA techinical service department.

NOTE: Always disconnect power prior to making any connections or service.

It is recommended that the 120VAC power be supplied from an Uninterrupted Power Supply (UPS) to ensure proper operation during a power failure. Always observe proper static discharge grounding procedure's when installing or servicing the DE device. Wires that interconnect (+) 24Vdc, (-) 24Vdc, authorized egress/auto reset, and all other secondary connections must be located within the same room as the panic hardware per

For ULC installations: Some "Authorities Having Jurisdiction" also require an illumination level of 100' feet at the door, to be provided by the emergency power supply system.



Key switch operation for device.

Delayed Egress Mode: Unit is armed and touch bar will not activate the latchbolt. (LED is solid green, audible alarm is on). Initiated after power up, authorized egress mode or re-arm mode.

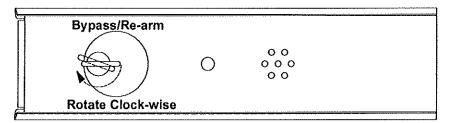
Nuisance Alarm Mode: Unit is armed and touch bar will not activate the latch bolt. (LED is solid green, audible alarm sounds a short tone); (S3) DIP switch selectable for 0, 1, 2 or 3 seconds. (See page 2) Initiated by depressing touch bar.

Delay Mode: Unit is armed and touch bar will not activate the latch bolt. **(LED is solid yellow, audible alarm sounds intermittent tone)**. Unit remains in the delay mode for 15 seconds (including nuisance time). Initiated by holding the touch bar depressed past the nuidance alarm time (30 second delay mode option available.) Once started, the delay mode is irreversible and automatically initiates the alarm mode.

Alarm Mode: Unit is disarmed and touch bar will activate the latch bolt (LED is solid red, audible alarm sounds continous tone). Initiated automatically from the delay mode and is irreversible. Unit remains in the alarm mode until manually reset with key. May be set to re-arm automatically by adding jumper to J7.

By-Pass Mode: From the delayed egress mode; unit is continuously disarmed and touch bar will activate the latch bolt (LED slowly flashes green, audible alarm is off). Initiated by rotating the key clockwise until switch activates (approximately 180 degrees) hold until mode is activated. DPS input is disabled.

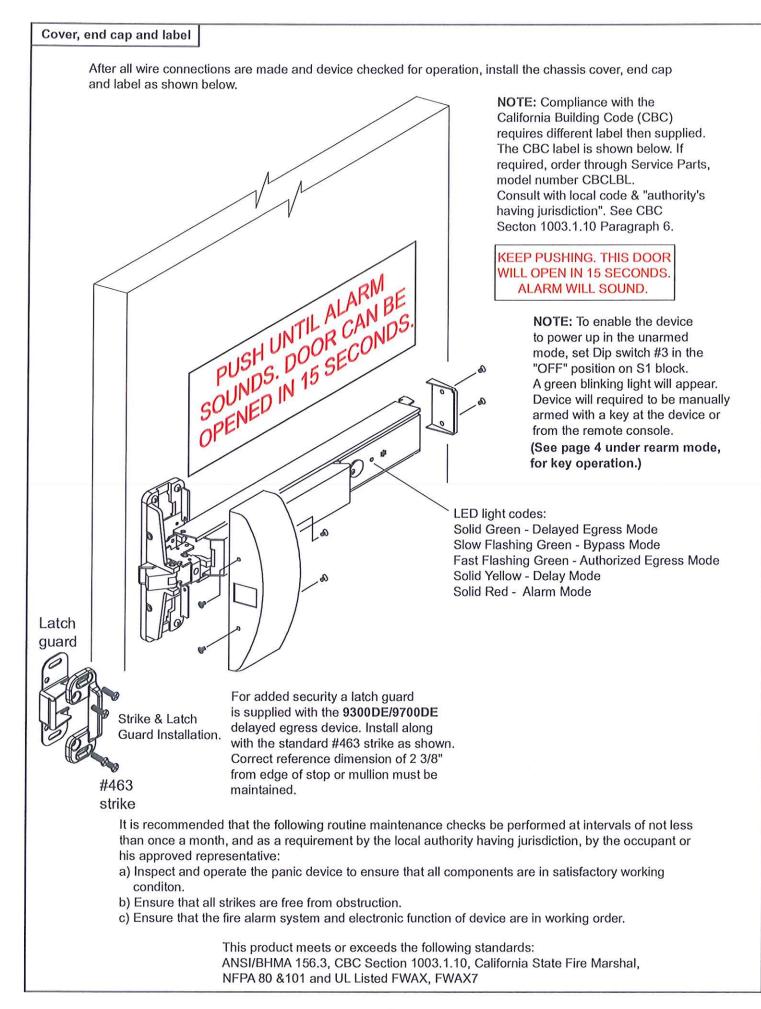
Re-arm Mode: From alarm mode; unit goes to the delayed egress mode. Initiated by rotating the key clockwise until switch activates (approximately 180 degrees). From the bypass mode; unit goes to the delayed egress mode. Initiated by rotating the key clockwise until the switch activates (approximately 180 degrees.) Hold until activated. **The LED will return to solid green**.



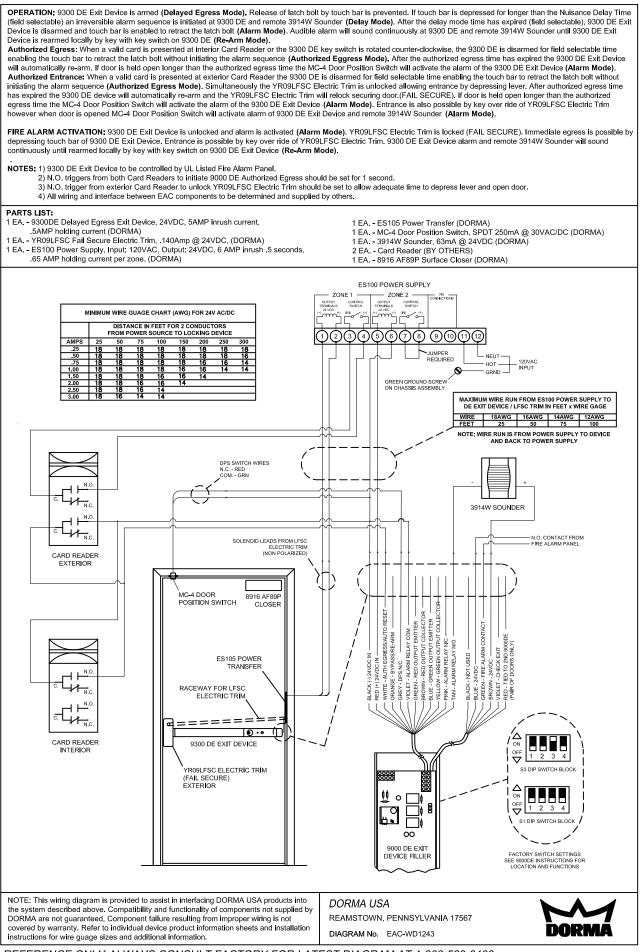
Authorized Egress Mode: Unit is disarmed for 5, 10, 15 or 20 seconds (DIP switch selectible) and touch bar will activate the latch bolt (LED quickly flashes green, audible alarm is off). After the authorized egress time unit returns to the delayed egress mode automatically. The authorized egress mode is initiated by rotating the key counter-clockwise until switch activates (approximately 180 degrees) hold until activate. DPS input will not initiate during the initial egress time, but will terminate the egress time if the DPS closes before the end of egress time. DPS input will initiate an alarm after the egress time if the DPS is opened.

| П | Rotate Counter Clock-wis | 3e | 2,710/21/21/21/21/21/21/21/21/21/21/21/21/21/ | |
|---|--------------------------|----|---|--|
| | Authorized Egress | 0 | | |

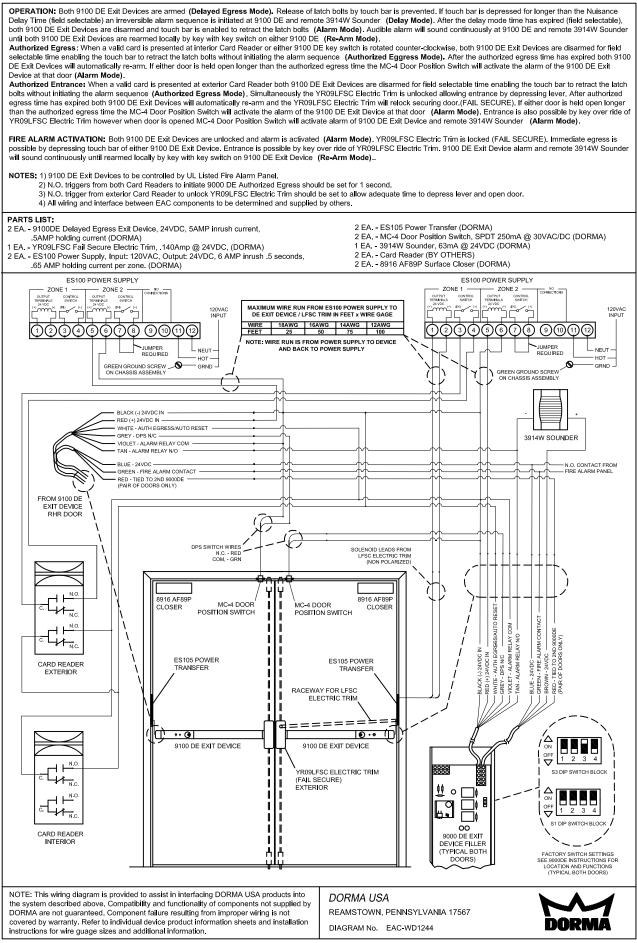
NOTE: The **By-pass mode** and **Re-arm mode** (orange wire) may be initiated externally from the terminal connector. (Normally open dry contact to ground.) The **Authorized Egress mode** (white wire) may be initiated externally from the terminal connector (Normally open dry contact to ground). See page 6 for additional details.



SINGLE DOOR: 9300 DE DELAYED EGRESS EXIT DEVICE x YR09LFSC ELECTRIC TRIM (FAIL SECURE) x ES100 POWER SUPPLY x ES105 POWER TRANSFER x 3914W SOUNDER x MC-4 DPS x CARD READERS



PAIR OF DOORS: 9100 DE DELAYED EGRESS EXIT DEVICES x YR09LFSC ELECTRIC TRIM (FAIL SECURE) x ES100 POWER SUPPLY x ES105 POWER TRANSFER x 3914W SOUNDER x MC-4 DPS x CARD READERS



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