

VON DUPRIN®

EL

Electric latch retraction



## Overview

The Electric Latch (EL) feature provides remote latch retraction ability to exit devices. A control station operator can flip a switch to retract the latch bolt and immediately change an exit door to push-pull operation. A powerful, continuous solenoid retracts the latch bolt, either for momentary unlatching, or for extended periods of time. The EL feature is an alternative to manual dogging. This feature is available for 98/99 and 33A/35A Series rim, mortise and vertical rod exit devices. There are three dogging options available with the EL feature:

- **EL** - electric latch retraction with no manual dogging
- **HD-EL** - electric latch retraction with manual hex key dogging
- **SD-EL** - electric latch retraction with special center case cylinder dogging (Note: this option is not available on some exit devices. Please refer to price book.)

EL devices are also useful with automatic door operators, and may be applied to fire-rated devices when under the control of an automatic fire alarm system.

## Features and benefits

- UL approved for Class II circuit applications
- UL listed FVSR SA163 panic hardware and/or GXHX R450(N) fire exit hardware (consult device catalog for fire rated models)
- Retro-fit kits available to add the EL feature to non-EL devices
- Integrates with reader, strike and software to complete any access control system

## EL electrical specifications

Solenoid	Continuous duty 24VDC
Inrush	16 Amps
Holding	.3 Amp

## Wire length and gauge

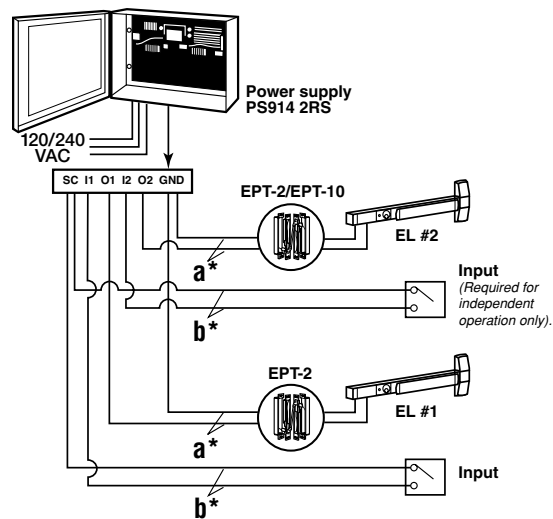
	Wire length (feet) <sup>1</sup>	Wire gauge (AWG)
EL 98/99	0-500	12
EL 33A/35A	0-300	14
	0-200	16
	0-100	16
<b>a*</b> All other EL 98/99 and EL 33A/35A device types	0-250	12
	0-150	14
	0-100	16
<b>b*</b> Control switch	0-1200	18

<sup>1</sup> Wire lengths include an EPT, door loop, electric hinge or pivot and are measure one way between the PS914/option board and the device.

<sup>2</sup> Table is applicable to devices that have shipped after August 2012.

## To order, specify

- Standard - Use prefix EL, example EL99L or EL33AL
- Hex key dogging - Use prefix HD-EL, example HD-EL99L or HD-EL33AL
- Special center case dogging (98/99 only) - Use prefix SD-EL, example SD-EL99L, handing is required for Special Dogging devices, specify RHR or LHR



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