

VON DUPRIN®

QEL

Quiet electric latch
retraction



Overview

The Quiet electric latch (QEL) option provides electronic control of an exit device and is ideally suited for environments where limited operational noise is desired. The feature allows for the electronic unlatching of exit devices for continuous push-pull operation and/or access control and can be activated through a building automation system, access control system or by a control system operator.

The device always provides mechanical egress but can also be tied to an access system to unlatch when a credential is presented or may be held unlatched (dogged) for extended periods to provide free entry. If manual dogging is also required, special center case dogging is available for 98/99 rim and vertical systems.

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

QEL is an option for 98/99 Series (including XP,) 94/95 Series and 33A/35A Series devices. The PS900 Series power supplies, with the 900-2RS option card, is the minimum option card requirement. Other option cards are available for various functions.

Features and benefits

- Quiet operation
- On-board installation and troubleshooting diagnostics
- Automatic calibration- automatically adjusts latch throw and pull.
- Vandal resistant
- BHMA certified to ANSI/BHMA A156.3 Grade 1 for exit devices
- UL and cUL listed as "Panic Hardware" (UL 305) and as "Fire Exit Hardware" (UL 10C)
- QEL conversion kit is UL classified under Accessories for Single-Point Locks and Latches and Fire Exit Hardware (UL 10C)

QEL electrical specifications

Voltage	24VDC
Current inrush	1.4 Amps
Current holding	.014 Amp
Current calibrate	2.0 Amps (3 sec one time)

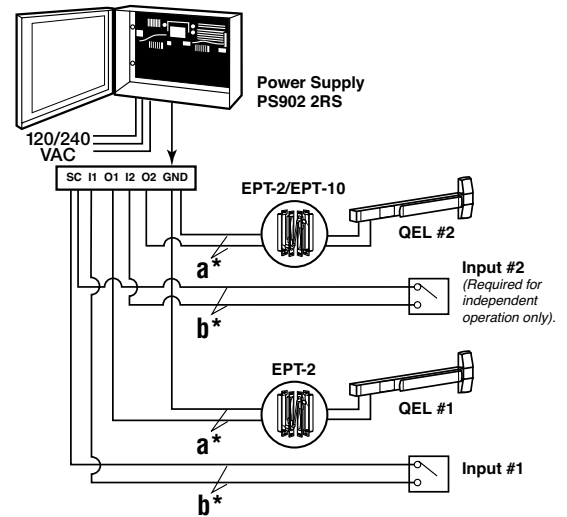
Wire length and gauge

Wire length (feet)	Wire gauge (AWG)
200'	18
320'	16
500'	14
800'	12

The QEL option does not include the power transfer from door to frame, the power supply, or the control operator. Refer to Von Duprin catalog for information on EPT-2/10 power transfer and the 900 Series power supplies.

To order, specify

- Standard - Use prefix QEL, example QEL99L.
- Special center case dogging - Use prefix SD-QEL, example SD-QEL99L.



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