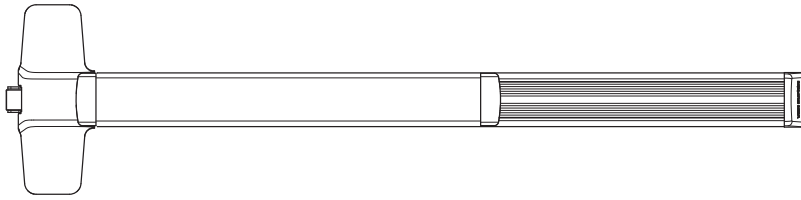


VON DUPRIN®

Quiet Electric Latch Retraction - QEL



About the product

The QEL option provides electronic control of an exit device and is ideally suited for environments where limited operational noise is desired. The QEL option 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, specify SD-QEL.

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.

Features and Benefits

- Quiet operation both mechanically and electrically
- On-board installation and troubleshooting diagnostics built into device
- Automatic calibration – automatically adjusts latch throw and pull
- Pushbar is pulled in electronically for quieter operation when dogged
- Vandal resistant – detects and responds to vandals

Specifications Compliance

- Devices are BHMA Certified to ANSI/BHMA A156.3 (2001) Grade 1 for Exit Devices
- Devices are UL and cUL Listed as “Panic Hardware” (UL 305) and as “Fire Exit Hardware” (UL 10C)
- The QEL Conversion Kit is UL Classified under “Accessories for Single-Point Locks and Latches and Fire Exit Hardware” (UL 10C)

System Components / Compatible Products

QEL is an option for 98/99 series (including XP), 94/95 Series and 33A/35A Series devices.

The PS 900 Series with the 900-2RS option card is the minimum option card requirement. Other option cards are available for various functions.

QEL Electrical Load	
Voltage	24 VDC
Current	1.4 A Inrush (0.5 sec.) 0.14 A Holding 2.0 A Calibrate (3 sec. one time)

QEL Run Lengths	
Distance (one-way)	Wire Gauge
200'	18 AWG
320'	16 AWG
500'	14 AWG
800'	12 AWG

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*.