Nomenclature – how to order

EL 33 27A -L -16 -F LBR 3' US3 RHR

Code	Description
CD	Cylinder dogging - panic only
CX	Chexit delayed egress
EL	Electric latch retraction
HD-EL	Electric latch retraction with hex dogging
QEL	Quiet electric latch
HH	Hurricane
LD	Less dogging
LX	Latchbolt monitoring
LX-LC	Latch bolt monitor low current
LX-RX	Latchbolt monitor / request to exit
LX-RX-LC	Latchbolt monitor / request to exit low current
PL	Pullman latch
PN	Pneumatic
RX	Request to exit
RX-LC	Request to exit low current
RX2	Request to exit double switch
SS	Signal switch
AX	Accessible device
WP-RX	Waterproof request to exit

Code	Description
35A	Series 35A-smooth
33A	Series 33A-grooved

Code	Description
A	Rim device
27A	Surface mounted vertical rod device
47A	Concealed vertical rod device
48A	Concealed vertical rod device
49A	Concealed vertical cable device

Code	Description
DT	Dummy trim
EO	Exit only
L	Lever (classroom)
L-BE	Lever-blank escutcheon (passage)
L-DT	Lever-dummy trim
L-NL	Rigid Lever - Night latch (key retracts latchbolt)
NL	Night latch (key retracts latchbolt)
NL-OP	Night latch cylinder assembly – optional pull
T	Thumbturn
TL	Turn Lever
T-BE	Thumbturn-blank escutcheon
TL-BE	Turn Lever-blank escutcheon (Passage)

Code	Description
XX	Lever Style 06 standard Optional 01, 02, 02KN, 03, 03KN, 05, 06KN, 07, 12 (handed), 16, 17, 17KN, 18, ACC, AST, MER, STA

Code	Description
F	Fire Exit Device - Rim, 27A, 47A, 48A, 49A Only

Code	Description
LBR	Less Bottom Rod
LBL	Less Bottom Latch
ALK	Standard Alarm Kit
ALK-AR1	Auto-Reset $1^{1}/_{2}$ minute alarm kit
ALK-AR3	Auto-Reset 3 minute alarm kit
ALK-AR6	Auto-Reset $4^{1}/_{22}$ minute alarm kit
CON	Allegion Connect

Code	Description
2'	2' Device (2' Door Size) 27A, 47A or 49A only
3'	3' Device (2' 4"– 3' Door Size)
4'	4' Device (2' 10"– 4' Door size)

Code	Description
Finishes	US3, US4, US10, US15 (35A only), US26, US26D, US26D-AM, US28, 313, 315

Code	Description
HR	Handing – RHR or LHR

33A/35A Electrical options

QEL Quiet electric latch retraction

The QEL feature allows for the remote unlatching of 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. Different than the popular EL, the QEL quiet operation is achieved using an electric drive motor which retracts the latch bolt either momentary unlatching or for extended periods of time. This feature is an alternative to manual dogging.

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**.

UL approved for Class II circuit applications.

The QEL option does not include the power transfer from door to frame, the power supply, or the control operator. Refer to EPT-2 power transfer and the PS902 or 914 power supply.
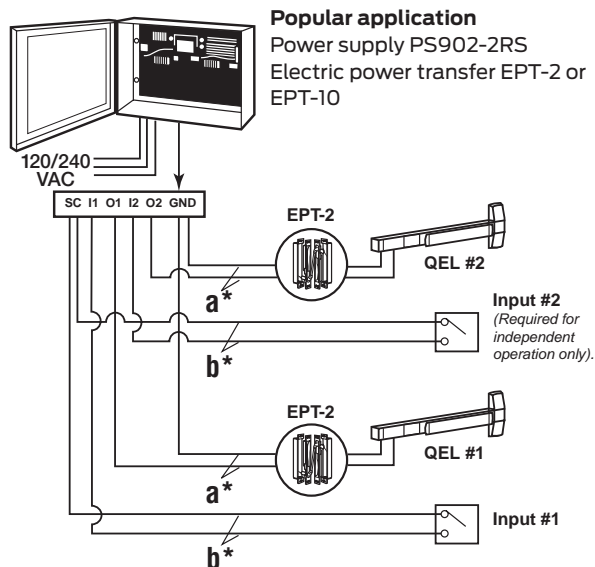
The PS902/914 with the 2RS, 4RL or 4R board is the minimum required. Other option boards available for other functions, see PS902/914 power supply for additional information.

QEL Electrical load	
Voltage	24VDC
Current	1.0 A Inrush (0.5 sec.) 0.14 A Holding 2.0 A Calibrate (3 sec. one time)

To order, specify:
1. Standard – Use prefix QEL, example QEL33A-L.

Popular QEL application

Popular application
Power supply PS902-2RS
Electric power transfer EPT-2 or EPT-10

QEL Device wire selection size

a*

Distance (one-way)	Wire Gauge
200 ft.	18 AWG
320 ft.	16 AWG
500 ft.	14 AWG
800 ft.	12 AWG

b*

Wire selection	Switch wire size
1200 ft. Max.	18 gauge standard

EL Electric latch retraction

The EL feature allows for the remote unlatching of 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 duty solenoid retracts the latch bolt, either for momentary unlatching, or for extended periods of time. The EL feature is an alternative to manual dogging. If manual hex-key dogging is required, specify HD-EL.

EL 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**. UL approved for Class II circuit applications.

The EL option does not include the power transfer from door to frame, the power supply, or the control operator. Refer to EPT-2 power transfer and the PS914 power supply.

The PS914 with the 900-2RS option card is minimum option card required. Other option cards available for other functions, see PS914 power supply for additional information.
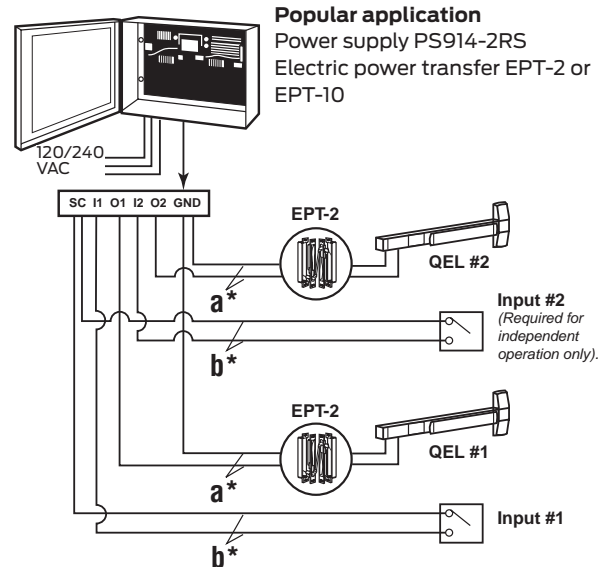
Solenoid specifications:
Continuous Duty – 24 VDC
Current Inrush – 16 Amps
Current Holding – 0.3 Amps

To order, specify:
1. Standard – Use prefix EL, example EL33AL
2. Hex Key dogging – Use prefix HD-EL, example HD-EL33AL

Popular EL application

Popular application
Power supply PS914-2RS
Electric power transfer EPT-2 or EPT-10

EL Device wire selection size

	Von Duprin exit device	EL Wire length (feet)[1]	Wire gauge (AWG)
a*	EL 33A/35A Rim	0-500	12
		0-300	14
		0-200	16
	All other EL33A/35A device types	0-250	12
		0-150	14
		0-100	16
b*	Control Switch	0-1200	18

1. Wire lengths include an EPT, Door loop, electric hinge or pivot and are measured one way between the PS914/option board and the device.

2. Table is applicable to devices that have shipped after August 2012.