

LIGHTING CONTROLS

KELE PULSE INITIATOR

PIL-1



DESCRIPTION

The **Kele PIL-1 pulse initiator** is designed to provide pulses to latch and unlatch lighting contactors (such as the RR-7, RR-9, or TR Series) from BAS digital output (DO) maintained contacts.

FEATURES

- **LED indicators:**
- **Pulse out (unlatch/latch)**
- **Command in maintain (off/on)**
- **AC or DC operation**
- **Selectable power-up ON or OFF pulse**
- **Snap-track mounted**

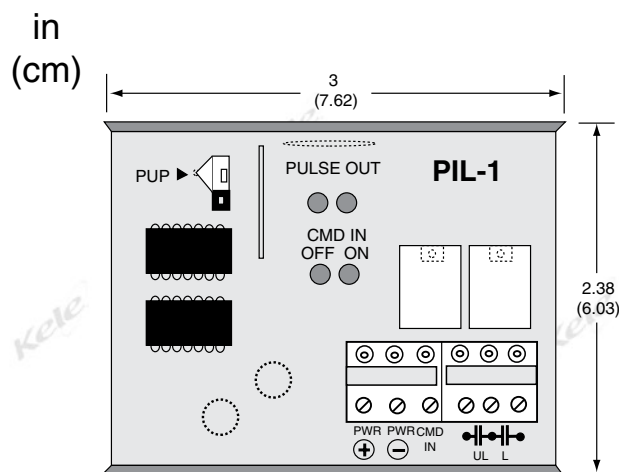


PIL-1

OPERATION

The **Model PIL-1** is controlled by a single SPST N.C. or N.O. switch or relay. Closing the input contact causes the latch output to close momentarily for 100 ms. Opening the input contact causes the unlatch output to close momentarily for 100 ms. A power-up feature allows the operator to select either an immediate pulse out (PUP position), depending on the present command of the controller, or a pulse out only when the controller input changes state. LEDs indicate input state and output latch or unlatch pulses. Typical control signals would be a digital output from a BAS panel, a light or toggle switch, or a contact on a timer.

DIMENSIONS



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SPECIFICATIONS

Supply Voltage	24 VAC @ 1.2 VA, 24 VDC @ 50 mA	Operating Temperature	14° to 122°F (-10° to 50°C)
Signal Input	Command, "CMD IN" 24 VAC/VDC (Reference to - pwr.)	Operating Humidity	5 to 95% RH non-condensing
Signal Output	Pulse output on 2-SPST contacts	Wiring Terminations	6-Terminals, 22 to 14 AWG
Ref Pwr	24 VAC or 120 VAC	Mounting	Snap Track, (3.0 x 2.38") Included
L-Latch	100 ms pulse for "CMD IN" ON	Enclosure Rating	None (open design)
UL-Un-Latch	100 ms pulse for "CMD IN" OFF	Dimensions	2.375"W x 3"L x 1.375"H (6.03 x 7.62 x 3.5 cm)
Pulse Duration	100ms STD., Factory add 0.1-5s max	Weight	0.25 lb (0.12 Kg)
Relay output	24/120 VAC @ 5A	Warranty	1 year
Power UP default (PUP)	Power start-up jumper (PUP)		
PUP "Up"	Auto Pulse ON during power start-up		
PUP "Down"	Auto Pulse OFF during power start-up		
Visual Indication	Four Status LED's		
Pulse Out (UL)	Illuminates on "Unlatch" output relay		
Pulse Out (L)	Illuminates on "Latch" Output relay		
CMD IN (Off)	Illuminates on "Off" Input command		
CMD IN (ON)	Illuminates on "ON" Input command		

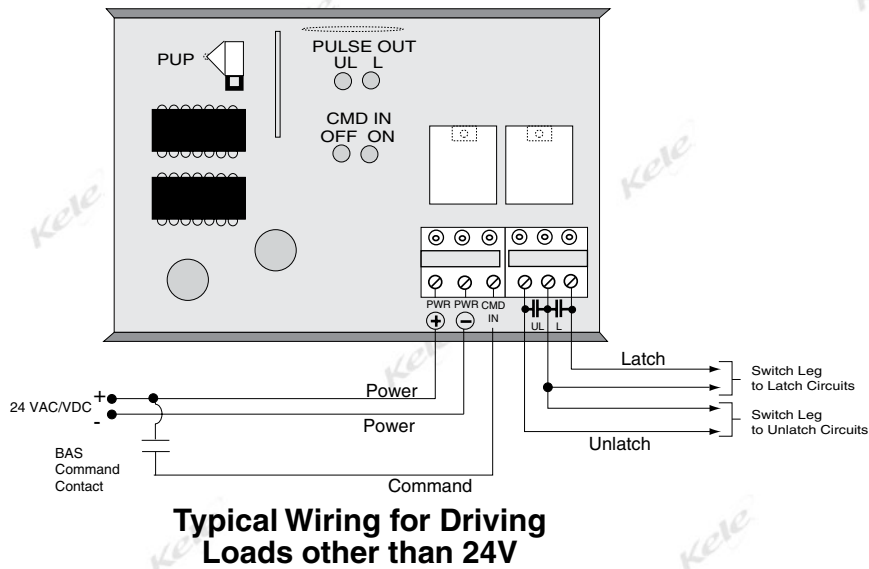
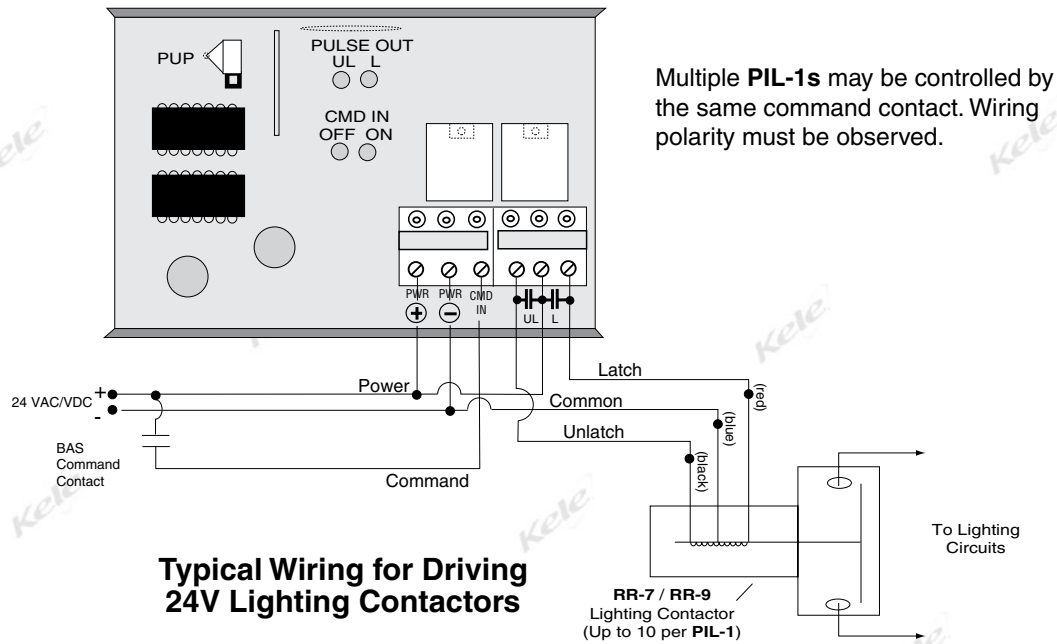


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PIL-1

WIRING



ORDERING INFORMATION

MODEL
PIL-1
PIL-1-C

DESCRIPTION
100ms Pulse initiator for latching relays
Pulse initiator with factory-calibrated pulse duration 0.1 to 5 seconds max. (specify time when ordering)