

# RELAYS & CONTACTORS



## RELAYS AND BASES VALUE LINE SERIES RELAYS

Value  
line



### DESCRIPTION

Value Line general purpose relays are compact in size and available in **SPDT**, **DPDT**, **3PDT**, and **4PDT**. The **VL Series** relays feature an indicator light and a push to test button.

### FEATURES

- Blade-style connections
- DIN rail mounting
- One-year warranty
- UL recognized, CSA certified, CE certified

**NEW!**



JQX-LY1C



JQX-LY3CL



JQX-LY4CL

### SPECIFICATIONS

		COIL RATINGS											
Rated Voltage		Rated Current (mA)								Coil Resistance (Ω)			
		60 Hz				50 Hz							
		SPDT	DPDT	3PDT	4PDT	SPDT	DPDT	3PDT	4PDT	SPDT	DPDT	3PDT	4PDT
AC	24	46	46	67	80	54	54	80	93.6	180	180	100	78
	120	9.2	9.2	14.8	16.4	10.8	10.8	17.3	19	4430	4430	2450	2200
DC	12	100	166	-	-	117	194	-	-	160	160	-	-
	24	36.9	36.9	58.6	69	36.9	36.9	58.6	69	650	650	410	350

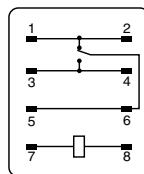
CONTACT RATINGS	
Contact Form	UL Contact Ratings
SPDT	16A @ 250 VAC (inductive)
	16A @ 30 VDC (resistive)
	1/2 hp @ 120 VAC (motor)
DPDT	10A @ 250 VAC (resistive)
	10A @ 30 VDC (inductive)
	1/3 hp @ 120 VAC (motor) 1/2 hp @ 240 VAC (motor)
3PDT 4PDT	10A @ 250 VAC (inductive)
	10A @ 30 VDC (resistive) 1/2 hp @ 240 VAC (motor)

<b>Minimum operating voltage</b>	≥80% of rated voltage AC ≥75% of rated voltage DC
<b>Maximum continuous applied voltage</b>	110% of rated voltage AC/DC
<b>Drop-out voltage</b>	
<b>AC</b>	30% or more of the rated voltage
<b>DC</b>	10% or more of the rated voltage
<b>Contact material</b>	Silver alloy
<b>Contact resistance</b>	≤100 mΩ
<b>Operating time</b>	≤20 ms
<b>Release time</b>	≤20 ms
<b>Minimum load</b>	100 mA/5 VDC
<b>Operating temperature</b>	-13° to 131°F (-25° to 90°C)
<b>Weight</b>	
<b>SPDT</b>	0.08 lb
<b>DPDT, 3PDT</b>	0.11 lb
<b>4PDT</b>	0.14 lb
<b>Agency approvals</b>	UL-recognized component, (File #E162239) CSA certified CE certified
<b>Warranty</b>	1 year

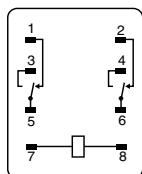
RELAYS & CONTACTORS

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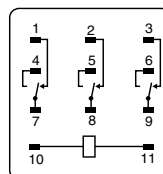
### WIRING (Bottom View)



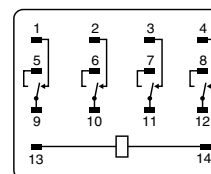
JQX-LY1C



JQX-LY2C



JQX-LY3C



JQX-LY4C

**NEW!**

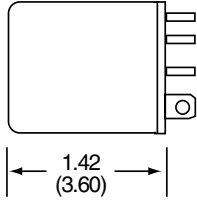


# RELAYS & CONTACTORS

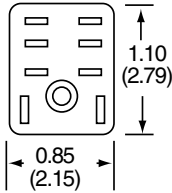
## RELAYS AND BASES VALUE LINE SERIES RELAYS

### DIMENSIONS

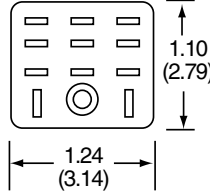
in  
(cm)



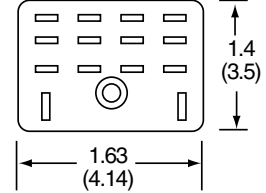
**JQX-LY1C**



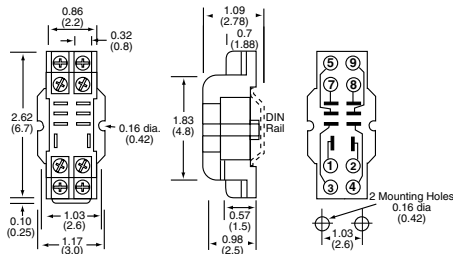
**JQX-LY1,2**



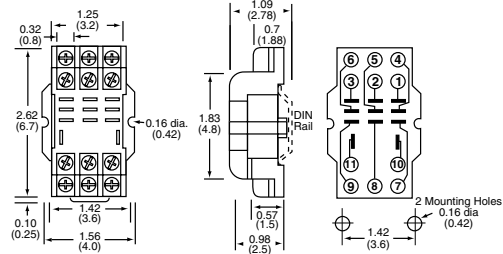
**JQX-LY3**



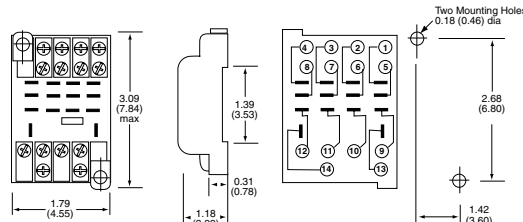
**JQX-LY4**



**PTF08A-K**



**PTF11A-K**



**PTF14A-E**

RELAYS & CONTACTORS

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### ORDERING INFORMATION

MODEL	DESCRIPTION
<b>JQX-LY1C-A-120VAC</b>	SPDT relay 120 VAC w/ LED indicator and push button
<b>JQX-LY1C-A-12VDC</b>	SPDT relay 12 VDC w/ LED indicator and push button
<b>JQX-LY1C-A-24VAC</b>	SPDT relay 24 VAC w/ LED indicator and push button
<b>JQX-LY1C-A-24VDC</b>	SPDT relay 24 VDC w/ LED indicator and push button
<b>JQX-LY2C-A-120VAC</b>	DPDT relay 120 VAC w/ LED indicator and push button
<b>JQX-LY2C-A-12VDC</b>	DPDT relay 12 VDC w/ LED indicator and push button
<b>JQX-LY2C-A-24VAC</b>	DPDT relay 24 VAC w/ LED indicator and push button
<b>JQX-LY2C-A-24VDC</b>	DPDT relay 24 VDC w/ LED indicator and push button
<b>JQX-LY3C-A-120VAC</b>	3PDT relay 120 VAC w/ LED indicator and push button
<b>JQX-LY3C-A-24VAC</b>	3PDT relay 24 VAC w/ LED indicator and push button
<b>JQX-LY3C-A-24VDC</b>	3PDT relay 24 VDC w/ LED indicator and push button
<b>JQX-LY4C-A-120VAC</b>	4PDT relay 120 VAC w/ LED indicator and push button
<b>JQX-LY4C-A-24VAC</b>	4PDT relay 24 VAC w/ LED indicator and push button
<b>JQX-LY4C-A-24VDC</b>	4PDT relay 24 VDC w/ LED indicator and push button
<b>PTF08A-K</b>	SPDT, DPDT relay socket
<b>PTF11A-K</b>	3PDT relay socket
<b>PTF14A-K</b>	4PDT relay socket

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