# General Purpose Relay

- Arc barrier equipped.
- High dielectric strength (2,000 VAC).
- Long dependable service life assured by Ag-Alloy contacts.
- Choose models with single or bifurcated contacts, LED indicator, diode surge suppression, push-to-test button, or RC circuit.
- UL, CSA, TUV, and CE approvals on all standard LY Relay Part Numbers.



# 

# **Ordering Information**

To Order: Select the part number and add the desired coil voltage rating (e.g., LY1-DC6).

Туре	Terminal	Contact		I	Model	
		form	Sing	e contact	Bifurca	ated contact
			Standard bracket mounting	Upper mounting bracket	Standard bracket mounting	Upper mounting bracket
Standard	Plug-in/solder	SPDT	LY1	LY1F	—	—
		DPDT	LY2	LY2F	LY2Z	LY2ZF
		3PDT	LY3	LY3F	—	—
		4PDT	LY4	LY4F	—	—
	PCB	SPDT	LY1-0	_	—	—
		DPDT	LY2-0	_	LY2Z-0	—
		3PDT	LY3-0	_	—	—
		4PDT	LY4-0	_	—	—
LED indicator	Plug-in/solder	SPDT	LY1N	_	—	—
		DPDT	LY2N	_	LY2ZN	_
		3PDT	LY3N	_	—	—
		4PDT	LY4N	_	—	—
Diode surge	_	SPDT	LY1-D	_	—	—
suppression		DPDT	LY2-D	_	LY2Z-D	—
		3PDT	LY3-D	_	—	—
		4PDT	LY4-D	_	—	—
LED indicator	_	SPDT	LY1N-D2	_	—	—
and diode surge		DPDT	LY2N-D2	-	LY2ZN-D2	—
suppression		4PDT	LY4N-D2	—	—	<b>—</b>
RC circuit		SPDT	LY1-CR	—	—	<b>—</b>
		DPDT	LY2-CR	-	LY2Z-CR	<b>—</b>
LED indicator		SPDT	LY1N-CR	—	—	<b>—</b>
and RC circuit		DPDT	LY2N-CR		LY2ZN-CR	—

Note: 1. Types with specifications other than those listed are available. Contact your Omron Sales representative.

2. To order connecting sockets and mounting tracks, see "Accessories" section.

3. Relays with RC circuit are only available in AC coil voltages of 100 VAC or greater.

Туре	Terminal	Contact		Мо	del	
		form	Single	contact	Bifurcate	d contact
		Standard bracket mounting	Upper mounting bracket	Standard bracket mounting	Upper mounting bracket	
Push-to-test	Plug-in/solder	SPDT	LY1I4	—	—	—
button		DPDT	LY2I4	—	LY2ZI2	—
		3PDT	LY3I4	—	—	—
		4PDT	LY4I4	—	—	—
LED indicator and	Plug-in/solder	DPDT	LY2I4N	—	LY2ZI2N	—
push-to-test button		4PDT	LY4I4N	—	—	—

Note: 1. Types with specifications other than those listed are available. Contact your Omron Sales representative.

2. To order connecting sockets and mounting tracks, see "Accessories" section.

# Accessories

### **Connecting Sockets**

To Order: Select the appropriate part numbers for sockets, clips, and mounting tracks (if required) from the following charts.

### **Track Mounted Sockets**

Relay	Socket*	Relay hold	d-down clip	Mounting track
		Standard RC circuit		
SPDT	PTF08A-E	PYC-A1	Y92H-3	PFP-100N/PFP-50N &
DPDT				PFP-M or PFP-100N2
3PDT	PTF11A			PFP-S (Option spacer)
4PDT	PTF14A-E	]		

\* Track mounted socket can be used as a front connecting socket.

### **Back Connecting Sockets**

Relay	Solder	Wire wrap		Relay hold-down clip				Socket Mounting Plate			
	terminal socket	terminal socket	Standard	Push-to-test	RC circuit	Mtg. plate	1	10	12	18	
SPDT	PT08	PT08QN	PYC-P	PYC-P2	PYC-1	PYC-S	PYP-1	-	-	PYP-18	
DPDT											
3PDT	PT11	PT11QN					PTP-1-3	-	PTP-12	-	
4PDT	PT14	PT14QN					PTP-1	PTP-10	-	-	

Note: Types PYP-18, PTP-12 and PTP-10 may be cut to any desired length.

Relay	PC terminal socket		Relay hold-down clip	
		Standard	Push-to-test	RC circuit
SPDT	PT08-0	РҮС-Р	PYC-P2	PYC-1
DPDT				
3PDT	PT11-0			
4PDT	PT14-0			



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# ■ Contact Data

Load		Single	contact		Bifurcate	ed contact	
	S	PDT	DPDT, 3I	PDT, 4PDT	DPDT		
	Resistive load (p.f. = 1)         Inductive load (p.f. = 0.4) (L/R = 7 ms)		Resistive load (p.f. = 1)	Inductive load (p.f. = 0.4) (L/R = 7 ms)	Resistive load (p.f. = 1)	Inductive load (p.f. = 0.4) (L/R = 7 ms)	
Rated load	15 A at 110 VAC	10 A at 110 VAC	10 A at 110 VAC	7.5 A at 110 VAC	5 A at 110 VAC	4 A at 110 VAC	
	15 A at 24 VDC	7 A at 24 VDC	10 A at 24 VDC	5 A at 24 VDC	5 A at 24 VDC	4 A at 24 VDC	
Contact material	Ag-Alloy				•		
Carry current	15 A		10 A		7 A		
Max. operating voltage	250 VAC 125 VDC						
Max. operating current	15 A		10 A		7 A	_	
Max. switching	1,700 VA	1,100 VA	1,100 VA	825 VA	550 VA	440 VA	
capacity	360 W	170 W	240 W	120 W	120 W	100 W	
Min. permissible load	100 mA, 5 VDC				10 mA, 5 VDC	·	

# ■ Coil Data

# 1- and 2-pole Types – AC

Rated voltage (V)	Rated cu	rrent (mA)	Coil resistance	resistance (ref. value) (H)		Pick-up Dropout Maximum voltage voltage			Power consumption	
	50 Hz	60 Hz	(Ω)	Armature OFF	Armature ON	(% of rated voltage)			(VA, Ŵ)	
6	214.10	183	12.20	0.04	0.08	80% max.	30% min.	110%	Approx.	
12	106.50	91	46	0.17	0.33				1.00 to 1.20	
24	53.80	46	180	0.69	1.30				(60 Hz)	
50	25.70	22	788	3.22	5.66					
100/110	11.70/12.90	10/11	3,750	14.54	24.60				Approx.	
110/120	9.90/10.80	8.40/9.20	4,430	19.20	32.10				0.90 to 1.10	
200/220	6.20/6.80	5.30/5.80	12,950	54.75	94.07				(60 Hz)	
220/240	4.80/5.30	4.20/4.60	18,790	83.50	136.40	1				

# 1- and 2-pole Types – DC

Rated voltage (V)				luctance llue) (H)	Pick-up voltage	Dropout voltage	Maximum voltage	Power consumption
		(Ω)	Armature OFF	Armature ON	(% of rated voltage)		(VA, W)	
6	150	40	0.16	0.33	80% max.	10% min.	110%	Approx.
12	75	160	0.73	1.37				0.90
24	36.90	650	3.20	5.72				
48	18.50	2,600	10.60	21				
100/110	9.10/10	11,000	45.60	86.20	]			

Note: 1. The rated current and coil resistance are measured at a coil temperature of 23°C (73°F) with tolerances of +15%, -20% for AC rated current, and ±15% for DC rated coil resistance.

2. The AC coil resistance and inductance are reference values at 60 Hz.

3. The performance characteristics are measured at a coil temperature of 23°C (73°F).

4. Class B coil insulation is available.

# <u>3-pole Type – AC</u>

Rated voltage (V)	Rated cu	rrent (mA)	Coil resistance (Ω)	Coil inductance (ref. value) (H)		Pick-up voltage	Dropout voltage	Maximum voltage	Power consumption (VA, W)
	50 Hz	60 Hz		Armature OFF	Armature ON	(% of rated voltage)			
6	310	270	6.70	0.03	0.05	80% max.	30% min.	110%	Approx.
12	159	134	24	0.12	0.21				1.60 to 2.00 (60 Hz)
24	80	67	100	0.44	0.79				(60 HZ)
50	38	33	410	2.24	3.87				
100/110	15.90/18.30	13.60/15.60	2,300	10.50	18.50				
120	17.30	14.8	2,450	11.50	20.60				
200/220	10.50/11.60	9.00/9.90	8,650	34.80	59.50	1			
240	9.40	8	10,400	38.60	74.60	1			

# <u>3-pole Type – DC</u>

Rated voltage	Rated current (mA)	Coil resistance	Coil inductance (ref. value) (H)		Pick-up voltage	Dropout voltage	Maximum voltage	Power consumption	
(V)		<b>(</b> Ω <b>)</b>	Armature OFF	Armature ON	(% of rated voltage)			(VA, Ŵ)	
6	234	25.70	0.11	0.21	80% max.	10% min.	110%	Approx.	
12	112	107	0.45	0.98	-			1.40	
24	58.60	410	1.89	3.87					
48	28.20	1,700	8.53	13.90	1				
100/110	12.70/13	8,500	29.60	54.30	1				

## <u>4-pole Type – AC</u>

Rated voltage (V)		rrent (mA)	Coil resistance	Coil inductance (ref. value) (H)		Pick-up voltage	Dropout voltage	Maximum voltage	Power consumption
	50 Hz	60 Hz	(Ω)	Armature OFF	Armature ON	(%	(VA, W)		
6	386	330	5	0.02	0.04	80% max.	30% min.	110%	Approx.
12	199	170	20	0.10	0.17	-			1.95 to 2.50
24	93.60	80	78	0.38	0.67	-			(60 Hz)
50	46.80	40	350	1.74	2.88	-			
100/110	22.50/25.50	19/21.80	1,800	10.50	17.30	-			
120	19.00	16.40	2,200	9.30	19	-			
200/220	11.50/13.10	9.80/11.20	6,700	33.10	57.90	]			
240	11.00	9.50	9,000	33.20	63.40	]			

# <u>4-pole Type – DC</u>

Rated voltage (V)	Rated current (mA)	Coil resistance	e Coil inductance (ref. value) (H)		Pick-up voltage	Dropout voltage	Maximum voltage	Power consumption	
		(Ω)	Armature OFF	Armature ON	(% of rated voltage)			(VA, Ŵ)	
6	240	25	0.09	0.21	80% max.	10% min.	110%	Approx.	
12	120	100	0.39	0.84				1.50	
24	69	350	1.41	2.91					
48	30	1,600	6.39	13.60	1				
100/110	15/15.90	6,900	32	63.70					

Note: 1. The rated current and coil resistance are measured at a coil temperature of 23°C (73°F) with tolerances of +15%, -20% for AC rated current, and ±15% for DC rated coil resistance.

2. The AC coil resistance and inductance are reference values at 60 Hz.

3. The performance characteristics are measured at a coil temperature of 23°C (73°F).

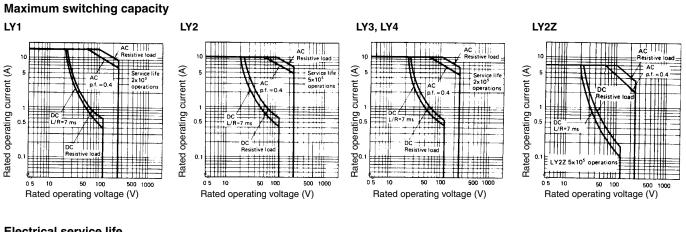
4. Class B coil insulation is available.

# ■ Characteristics

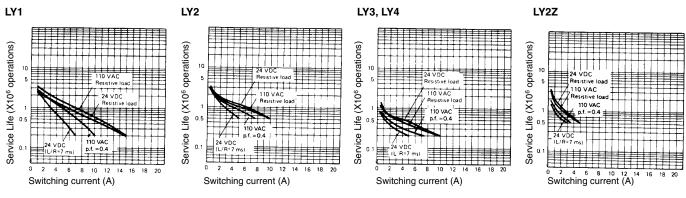
Contact resistance		50 mΩ max.	
Operate time 2		25 ms max.	
Release time		25 ms max.	
Operating frequency	Mechanically	18,000 operations/hour	
	Under rated load	1,800 operations/hour	
Insulation resistance	·	100 MΩ min. (at 500 VDC)	
Dielectric strength		2,000 VAC, 50/60 Hz for 1 minute	
		1,000 VAC, 50/60 Hz for 1 minute between contacts of same polarity	
Vibration Mechanical durability Malfunction durability		10 to 55 Hz, 1.00 mm (0.04 in) double amplitude	
		10 to 55 Hz, 1.00 mm (0.04 in) double amplitude	
Shock Mechanical durability		1,000 m/s² (approx. 100 G)	
Malfunction durability		200 m/s <sup>2</sup> (approx. 20 G)	
Ambient temperature	Derating LY1, LY2, LY3: -25° to 55°C; LY4 =-25° to 40°C		
Humidity		35 to 85% RH	
Service Life Mechanically		AC: 50 million operations min. (at operating frequency of 18,000 operations/hour)	
Electrically		DC: 100 million operations min. (at operating frequency of 18,000 operations/hour)	
		See "Characteristic Data"	
Weight		SPDT, DPDT: Approx. 40 g (1.41 oz), 3PDT: Approx. 50 g (1.76 oz) 4PDT: Approx. 70 g (2.47 oz)	

Note: Data shown are of initial value.

# ■ Characteristic Data



### **Electrical service life**

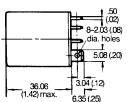


# Dimensions

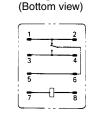
Unit: mm (inch)

## Relays



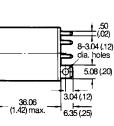






Terminal

arrangement



LY2

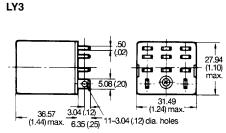


27.94 (1.10) max.

.59

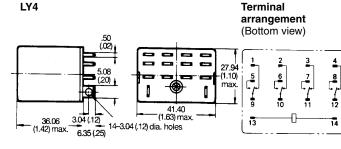
(.85) max



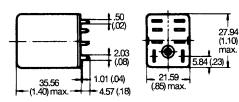


Terminal arrangement (Bottom view)



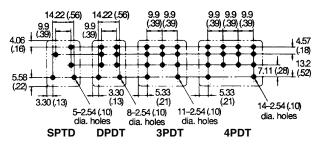


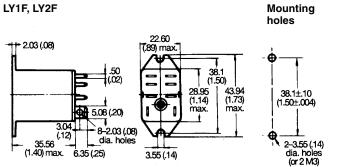
LY1-0, LY2-0, LY3-0, LY4-0

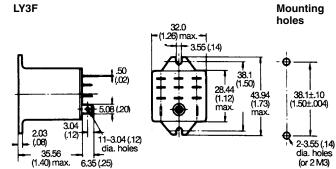


Note: The above drawing shows LY2-0. With LY1-0, dimension "\*" should read as eight 6.35 (.25).

Mounting holes for LY1-0, LY2-0, LY3-0, LY4-0 (Bottom view)



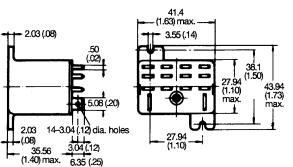




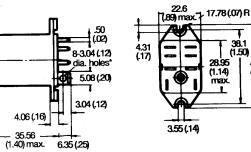
Note: The above drawing shows LY1F. With LY2F, dimension "\*" should read as eight 3.05 mm (0.12 in) dia. holes.

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LY4F

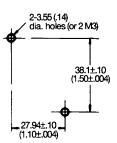


LY1S, LY2S

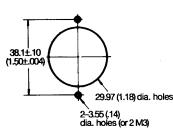


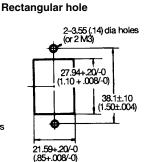
Note: The above drawing shows LY2S-US. With LY1S-US, dimension "\*" should read as eight 2.03 mm (0.08 in) dia. holes.

Mounting holes

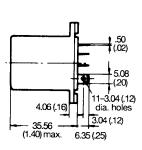


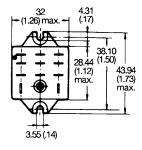
**Round hole** 





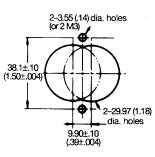
LY3S



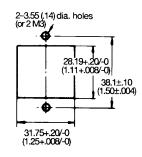


43.94 (1.73) max.

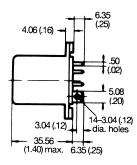
**Round hole** 

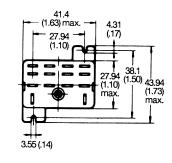


**Rectangular hole** 

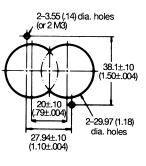


LY4S

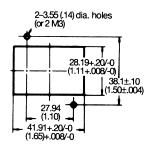




**Round hole** 



**Rectangular hole** 



# Accessories

Unit: mm (inch)

#### Track mounted sockets (UL File No. E87929) (CSA Report No. LR31928)



Terminal arrangement/ mounting holes (Top view) PTF11A

Terminal arrangement/ mounting holes (Top view)

Mounting height of

(Applies to all PTF A sockets)

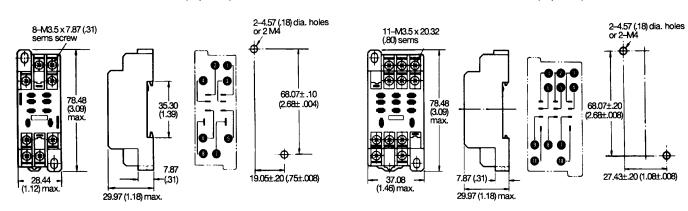
ĻΥ

relay

67.05 (2.64) [84.07 (3.31)]

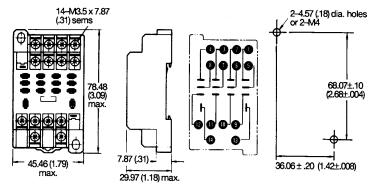
relay with socket

71.12 (2.80) [88.13 (3.47)]



### Track mounting sockets (UL File No. E87929) (CSA Report No. LR31928)

PTF14A (see note 3) Terminal arrangement/ mounting holes (Top view)

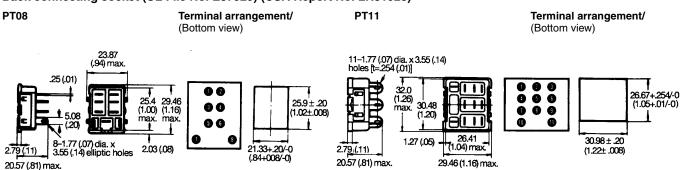


Note: 1. UL/CSA does not apply to wire wrap (Q) type sockets.

2. Values in brackets for LYQCR.

3. PTF08A-E and PTF14A-E = touch safe screws. Height = 33 mm max.

### Back connecting socket (UL File No. E87929) (CSA Report No. LR31928)



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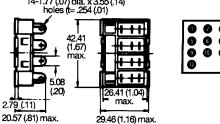
#### Back connecting socket (UL File No. E87929) (CSA Report No. LR31928)

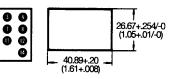
(Bottom view)

**Terminal arrangement** 

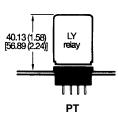
**PT14** 

14-1.77 (.07) dia. x 3.55 (.14) holes (t= .254 (.01)





Mounting height of relay with socket (Applies to all PT sockets)



PT14QN

as Type PT14.

10)

(.79)

8.89 (.35)

35.05 (1.38) max.

Panel cut-out and terminal

arrangement are the same

Note: Values in brackets for LYQCR.

#### Back connecting socket (UL File No. E87929) (CSA Report No. LR31928)

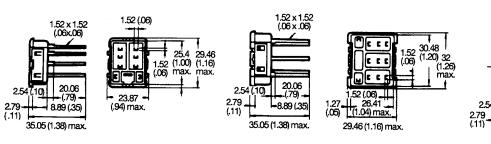
#### PT08QN

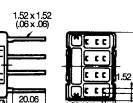
2.79 (.11)

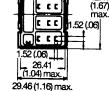
Panel cut-out and terminal arrangement are the same as Type PT08.

#### PT11QN

Panel cut-out and terminal arrangement are the same as Type PT11.







42.41

#### Back connecting socket (UL File No. E87929) (CSA Report No. LR31928)

5.32

6.6

29.46

(1.16)

nax

#### PT08-0

Terminal arrangement is the same as Type PT08.

.25 (.01)

2.03

4.31

(.17)

22.09 (.87) max

Mounting holes (Bottom view)

9.9 (.39)

15 40

(.61)

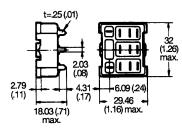
8-2.54 (.10) dia. holes

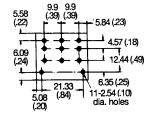
4.57 (.18)

12.44 (.49)

6.35 (25)

PT11-0 Terminal arrangement is the same as Type PT11.





### Back connecting socket (UL File No. E87929) (CSA Report No. LR31928)

(.12)

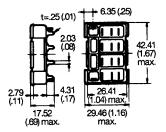
### PT14-0

18.03 (.71)

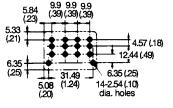
max.

Terminal arrangement is the same as Type PT14.









Mounting holes (Bottom view)

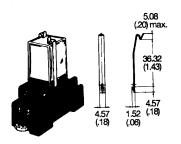


General Purpose Relay LY

Unit: mm (inch)

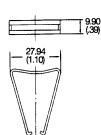
#### **Relay hold-down clips**

PYC-A1 For PTF⊒A socket



Relay hold-down clips PYC-P2 For push-to-test button type with PT□ socket



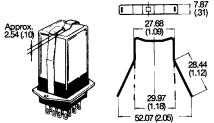




For RC circuit type

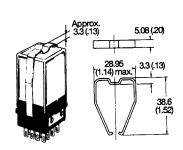
Y92H-3

**PYC-S** For relay mounting plates (Applicable to Type PYP-1 and PYP-18 socket mounting plates only.)



(Applicable to Type PYP-1 and PYP-18 socket mounting plates only.)

**PYC-P** For PT❑ socket

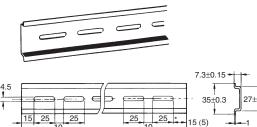


PYC-1 For RC circuit type



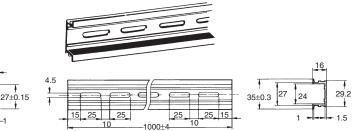
Mounting track/end plate/spacer

PFP-100N, PFP-50N (Conforming to EN 50022)



\* The figure in parenthesis is for PFP-50N.

PFP-100N2 (Conforming to EN 50022)



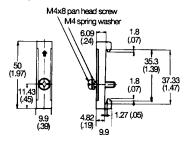
\*This dimension is 14.99 mm (0.59 in) on both ends in the case of PFP-100N, but on one end in the case of PFP-50N.

L = 497.84 mm (19.60 in)
L = 990.60 mm (39.00 in)
L = 990.60 mm (39.00 in)

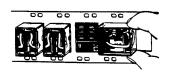
\*\*\*A total of twelve 24.89 x 4.57 mm (0.98 x 0.18 in) elliptic holes are provided, with six holes cut from each end of the track at a pitch of 9.91 (0.39) between holes.



PFP-M end plate

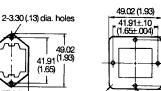


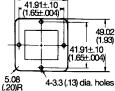
Socket mounting plates [t=1.52 (.06)]

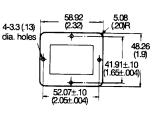


PYP-1









Socket needed

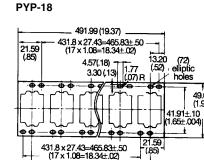
PT08, PT08QN

PT11, PT11QN

PT14, PT14QN

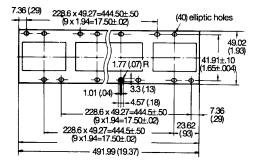
PTP-10

PTP-1

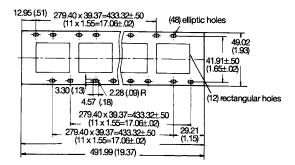


431.8 x 27.43=465.83±.50 (17 x 1.08=18.34±.02)

#### **PTP-10**



#### PTP-12



#### **PFP-S** spacer

Number of socket specs.

12

PTP-1-2

10

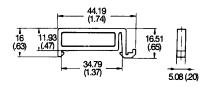
**PTP-10** 

PYP-1

PTP-1

PTP-12

PTP-1-3



18

PYP-18

49.02 (1.93)

Downloaded from Elcodis.com electronic components distributor

# ■ Relay Options

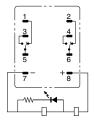
# **LED Indicator**

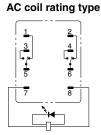
Specifications and dimensions same as the Standard Type with the following exception. With the LED indicator type, the rated current is approximately 0 to 5.0 mA higher than the Standard Type.

#### Terminal arrangement/Internal connections (Bottom view)

#### LY2N

#### DC coil rating type



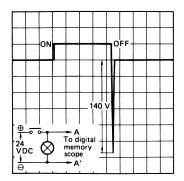


Note: 1. The coil terminals 10 and 11 of Type LY3N become (-) and (+) and terminals 13 and 14 of Type LY4N become (-) and (+), respectively.
2. Pay special attention to the polarities when using the DC type.

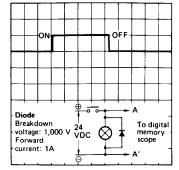
### **Diode Surge Suppression**

Specifications and dimensions same as the Standard Type with the following exception. Ambient operating temperature: -25° to 40°C (-13° to 104°F)

#### Without Diode



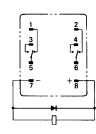
# With Diode



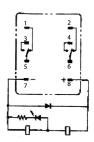
Terminal arrangement/Internal connections (Bottom view)

### LY2(N)-D(2)

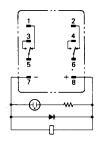




LY2N-D2 6, 12, 24, 48 VDC







Note: 1. Pay special attention to the polarities when using the DC type.

2. The release time is somewhat longer, but satisfies the standard specifications of 25 ms.

- 3. The reverse-breakdown voltage of the diode is 1,000 VDC.
- 4. Available on DC versions only.



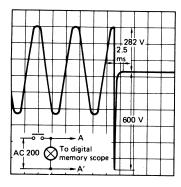
# Relay Options

# **RC Circuit**

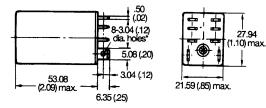
Specifications and dimensions same as the Standard Type with the following exceptions.

### **Characteristic Data**

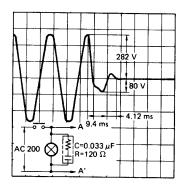
### Without RC circuit



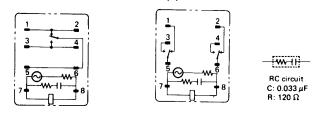
#### LY1-CR, LY2(Z)-CR



#### With RC circuit



Terminal arrangement/Internal connections (Bottom view) LY1-CR LY2(Z)-CR



Note: 1. The above drawing shows LY2(Z)-CR. With LY1-CR, "\*" should read eight 2.03 mm (0.08 in) dia. holes.

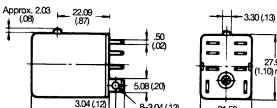
2. Available on AC versions only.

#### **Push-to-test Button**

Specifications and dimensions same as the Standard Type with the following exceptions.

LY 🗆 I 2

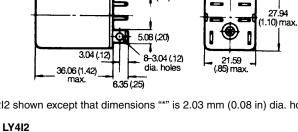


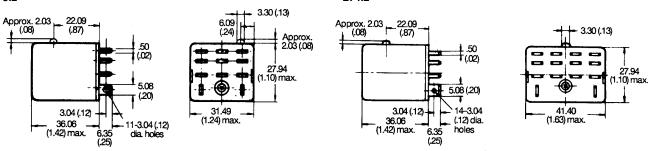


Note: Type LY1I2 has the same dimensions and appearances as Type LY2I2 shown except that dimensions "\*" is 2.03 mm (0.08 in) dia. holes.

LY112, LY212

LY312





# ■ Approvals

### UL Recognized Type (File No. E41643)

Туре	Contact form	Coil ratings	Contact ratings	Number of test operations
LY10	SPDT	6 to 240 VAC	15A, 30VDC (Resistive), 40°C	6 x 10 <sup>3</sup>
		6 to 120 VDC	15A, 240VAC (General use), 40°C	
			TV-5, 120VAC, 40°C	25 x 10 <sup>3</sup>
			1/2HP, 120VAC, 50°C	
LY2	DPDT		15A, 28VDC (Resistive), 40°C	6 x 10 <sup>3</sup>
			15A, 120VAC (Resistive), 40°C	
			12A, 240VAC (General use), 40°C	
			1/2HP, 120VAC, 50°C	25 x 10 <sup>3</sup>
			TV-3, 120VAC, 40°C	
LY3□	3PDT		10A, 30VDC (Resistive), 40°C (Same polarity )	6 x 10 <sup>3</sup>
LY4□	4PDT		10A, 240VAC (General use), 40°C (Same polarity )	
			1/2HP, 240VAC, 40°C	
LY2Z	DPDT		7A, 240VAC (General use), 40°C	6 x 10 <sup>3</sup>
(Bifurcated)			7A, 28VDC (Resistive), 40°C	

### CSA Certified Type (File No. LR31928)

Туре	Contact form	Coil ratings	Contact ratings
LY10	SPDT	6 to 240 VAC	15 A, 120 VAC (Inductive)
		6 to 120 VDC	10 A, 240 VAC (Inductive)
			15 A, 28 VDC (Resistive)
			TV-5 (ACTV)
LY2	DPDT		13 A, 28 VDC (Resistive)
			12 A, 120 VAC (Inductive)
			10 A, 240 VAC (Inductive)
			1/3 HP, 120 VAC (Motor)
			TV-3 (ACTV)
LY3🗅	3PDT		10 A, 240 VAC (Inductive)
LY3□	4PDT		10 A, 28 VDC (Resistive)

### VDE Approved Type (File No. 9903 [SPDT, DPDT & 3PDT], File No. 9947 [4PDT])

Туре	Contact form	Coil ratings	Contact ratings
LY -VD	SPDT	6, 12, 24, 50,	10 A, 220 VAC (Resistive)
		110, 220 VAC	10 A, 28 VDC (Resistive)
		and 6, 12, 24,	7 A, 220 VAC (Inductive)
		48, 110 VDC	7 A, 28 VDC (Inductive)
LY -VD	DPDT		7 A, 220 VAC (Resistive)
	3PDT		7 A, 28 VDC (Resistive)
	4PDT		4 A, 28 VDC and 4A, 220 VAC (Inductive)

### LR (Lloyd's Register) Approved Type (File No. 562KOB-204523)

Туре	Contact form	Coil ratings	Contact ratings
LYD	DPDT	6 to 240 VAC	7.5 A, 230 VAC (Inductive)
	4PDT	6 to 110 VDC	5 A, 24 VDC (Inductive)

#### SEV Listed Type (File No. D7 91/82 [2- & 4-pole], D 91/204a [1- & 3-pole])

Туре	Contact form	Coil ratings	Contact ratings
LY⊒-SV	SPDT	6 to 240 VAC	15 A, 220 VAC (Resistive)
		6 to 110 VDC	15 A, 24 VDC (Resistive)
LY⊒-SV	DPDT		10 A, 220 VAC (Resistive)
	3PDT		10 A, 24 VDC (Resistive)
	4PDT		

Note: 1. The rated values approved by each of the safety standards (e.g., UL, CSA, VDE, and SEV) may be different from the performance characteristics individually defined in this catalog.

2. In the interest of product improvement, specifications are subject to change.



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