

# General Purpose Relay

MY

- Designed small, 2- and 3-pole types break 5 A loads and 4-pole type, 3 A load
- High reliability, long life
- Ultra-high sensitivity with quick response
- High vibration/shock resistance
- 3- and 4-pole types have an arc barrier
- UL and CSA approved
- Withstands dielectric strength of 2,000 V
- Relays with high-capacity, LED indicator, diode surge suppression, push-to-test button, or RC circuit are available
- Changes due to aging are negligible because of use of special magnetic materials, thus ensuring long continuous holding time
- Little change in characteristics such as contact follow, contact pressure, etc., throughout long life





*9*1





# Ordering Information.

To Order: Select the part number and add the desired coil voltage rating (e.g., MY4-DC6).

				Part number							
				Single conf	act		Bifurcated contact				
Туре	Terminal	Contact form	Construction	Standard bracket mounting	Upper mounting bracket	Lower mounting bracket	Standard bracket mounting	Upper mounting bracket	Lower mounting bracket		
Standard	Plug-in/solder	DPDT	Unsealed	MY2	MY2F	MY2S	MY2Z	MY2ZF	MY2ZS		
		3PDT		MY3	MY3F	MY3S	_	_	_		
	4PDT		MY4	MY4F	MY4S	MY4Z	MY4ZF	MY4ZS			
	PCB	DPDT		MY2-02	_	_	MY2Z-02	_	_		
		3PDT		MY3-02	_	_	_	_	_		
		4PDT		MY4-02	_	_	MY2Z-02	_	_		
	Plug-in/solder	4PDT	Sealed	MYQ4	_	_	MYQ4Z	_	_		
	PCB	4PDT		MYQ4-02	_	_	MYQ4Z-02	_	_		
	Plug-in/solder	4PDT	Hermetically	MY4H	_	_	MY4ZH	_	_		
	PCB	4PDT	Sealed	MY4H-0	_	_	MY4ZH-0	_	_		

Note: 1. For SEV approved type, order the following: MY4-SV-DC6. (Lloyd's Register approval. See "Approvals" section.)

- 2. To order connecting sockets and mounting tracks, see "Accessories" section.
- 3. AgCdO contacts are also available (MY2E, MY3E, MY4E). Contact your OMRON sales representative for details.

### Ordering information (continued)

				Part numb	er				
				Single con	act		Bifurcated of	ontact	
Туре	Terminal	Contact form	Construction	Standard bracket mounting	Upper mounting bracket	Lower mounting bracket	Standard bracket mounting	Upper mounting bracket	Lower mounting bracket
LED indicator	Plug-in/solder	DPDT		MY2N	_	_	MY2ZN	_	_
	_	3PDT		MY3N	_	_	_	_	-
		4PDT		MY4N	_	_	MY4ZN	_	1
High-capacity		DPDT	w/o LED indicator	MY2-Y	_	_	_	_	_
			LED indicator	MY2N-Y	_	_	_	_	_
Diode surge		DPDT		MY2-D	_	_	MY2Z-D	_	_
suppression*		3PDT		MY3-D	_	_	_	_	_
		4PDT		MY4-D	_	_	MY4Z-D	_	_
LED indicator		DPDT		MY2N-D2	_	_	MY2ZN-D2	_	1
and diode surge		3PDT		MY3N-D2	_	_	-	_	1
suppression*		4PDT		MY4N-D2	_	_	MY4ZN-D2	_	_
RC circuit**		DPDT	w/o LED	MY2-CR	_	_	MY2Z-CR	_	1
		3PDT	indicator	MY3-CR	_	_	-	_	
		4PDT		MY4-CR	_	_	MY4Z-CR	_	
		DPDT	LED indicator	MY2N-CR	_	_	-	_	
		4PDT		MY4N-CR	_	_	_	_	_
Push-to-test		DPDT		MY214	_	_	MY2Z12	_	_
button		4PDT		MY414	_	_	MY4Z12	_	_
LED indicator		DPDT		MY214N	_	_	MY2Z12N	_	_
and RC circuit		4PDT		MY414N	_	_	MY4Z12N	_	_

Туре	Terminal	Contact form	Part number
Latching	Plug-in	DPDT	MY2K-US
	PC board		MY2K-02-US

Note: 1. For SEV approved type, order as the following: MY4-SV-DC6. (Lloyd's Register approval. See "Approvals" section.)

- 2. To order connecting sockets and mounting tracks, see "Accessories" section.
- 3. AgCdO contacts are also available. Contact your OMRON sales representative for details.
- 4. \* DC coils only
  - \*\* AC coils only

### **■** ACCESSORIES

### **Connecting Sockets**

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

### **Available Types**

### Track mounted sockets

		Relay hold-down	clip	
Relay	Socket*	Standard	RC circuit	Mounting track
DPDT	PYF08A-E	PYC-A1	Y92-H3	PFP-100N/PFP-50N &
3PDT	PYF11A			PFP-M or PFP-100N2
4PDT	PYF14A-E			PFP-S (Optional spacer)

<sup>\*</sup> Track mounted socket can be used as a front connecting socket.

### **Back connecting sockets**

	Solder terminal	Wire wrap terminal	Relay hold-	down clip			Socket Mounting Plate		
Relay	socket	socket	Standard	Push-to-test	RC circuit	Mtg. plate	1	18	36
DPDT	PY08	PY08QN	PYC-P	PYC-P2	PYC-1	PYC-S	PYP-1	PYP-18	PYP-36
3PDT	PY11	PY11QN							
4PDT	PY14	PY14QN							

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

	PC terminal	Relay hold-down clip					
Relay	socket	Standard	Push-to-test	RC circuit			
DPDT	PY08-02	PYC-P	PYC-P2	PYC-1			
3PDT	PY11-02						
4PDT	PY14-02						

# Specifications \_\_\_\_\_

### **■ CONTACT DATA**

### Non-latching - Unsealed

	DPDT, 3PDT		4DPT		High-capacity	
Load	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	5 A at 220 VAC 5 A at 24 VDC	2 A at 220 VAC 2 A at 24 VDC	3 A at 220 VAC 3 A at 24 VDC	0.8 A at 220 VAC 1.5 A at 24 VDC	7 A 220 VAC 7 A 24 VDC	3.5 A 220 VAC 3.5 A 24 VDC
Contact material	Ag		Ag (Au Flash)		AgCdO	
Carry current	5 A	3 A	1 A	3 A	7 A	
Max. operating voltage	250 VAC 125 VDC					
Max. operating current	5 A		1 A	3 A	7 A	
Max. switching capacity	1,100 VA 120 W	440 VA 48 W	660 VA 72 W	176 VA 36 W	1,540 VA 168 W	770 VA 84 W
Min. permissible	Standard type: 1	mA, 5 VDC	Standard and hig 1 mA, 1 VDC	h sensitivity types:	100 μA, 1 VDC	
load (see note)	Bifurcated type: 1	00 μA, 1 VDC				

### Non-latching - Sealed/Hermetically sealed

	Sealed, 4PDT		Hermetically sealed, 4	4DPT
Load	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	1 A at 220 VAC 1 A at 24 VDC	0.5 A at 220 VAC 0.5 A at 24 VDC	3 A at 110 VAC 3 A at 24 VDC	0.8 A at 110 VAC 1.5 A at 24 VDC
Contact material	Ag (Au Flash)			
Carry current	1 A		3 A	
Max. operating voltage	250 VAC 125 VDC		125 VAC 125 VDC	
Max. operating current	1 A		3 A	
Max. switching capacity	220 VA 24 W	110 VA 12 W	330 VA 72 W	88 VA 36 W
Min. permissible	Standard and high sens	sitivity types: 1 mA, 1 VDC		
load (see note)	Bifurcated type: 100 μA	A, 1 VDC		

Note: P level:  $\lambda 60 = 0.1 \times 10^{-6}$ /operation

### **■ COIL DATA**

### Non-latching - AC

			Coil	Coil inductance (ref. value) (H)		Pick-up	Dropout	Maximum	Power
Rated	Rated currer	nt (mA)	resistance	Armature	Armature	voltage	voltage	voltage	consumption
voltage (V)	50 Hz	60 Hz	$(\Omega)$	OFF	ON	(% of rated	voltage)		(VA, W)
6	214.10	183	12.20	0.04	0.08	80% max.	30% min.	110% max.	Approx.
12	106.50	91	46	0.17	0.33				1.00 to 1.20
24	53.80	46	180	0.69	1.30				
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				
220/240	4.80/5.30	4.20/4.60	18,790	83.50	136.40				

### Non-latching - DC

	Coil		Coil inductance (ref. value) (H)		Pick-up	Dropout	Maximum	Power
Rated		resistance	Armature	Armature	voltage	voltage	voltage	consumption
voltage (V)	Rated current (mA)	(Ω)			(% of rated	(VA, W)		
6	150	40	0.17	0.33	80% max.	10% min.	110% max.	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	21.00				
100/110	9.10/10	11,000	45.60	86.20				

### Latching - AC

Rated	Rated	current (r	nA)			Pick-up	Dropout	Maximum	Power consumption	
voltage	Set coi		Reset coil	Coil resistance (Ω)		voltage	voltage voltage voltage		(VA, W)	
(V)	50 Hz	60 Hz	50/60 Hz	Set coil	Reset coil	(% of rated voltage)			Set coil	Reset coil
6	146	142	68	13	32	80% max.	80% max.	110% max.	Approx.	Approx.
12	57	56	39	72	130				0.60 to 0.90	0.20 to 0.50
24	27.40	26.40	18.60	320	550					
50	14	13.40	3.50	1,400	3,000					
120	15.80	5.60	3.50	8,300	3,000					

### Latching - DC

Rated	Rated current (r	nA)				Dropout	Maximum	Power consu	umption
voltage	Set coil	Reset coil	Coil resista	nce $(\Omega)$	voltage	voltage	voltage	(VA, W)	·
(V)	50/60 Hz	50/60 Hz	Set coil	Reset coil	(% of rated voltage)		Set coil	Reset coil	
6	230	100	26	60	80% max.	80% max.	110% max.	Approx.	Approx.
12	110	50	110	235				1.30	0.06
24	52	25	470	940					

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. Because the coil is designed for low power consumption, connect a bleeder (if necessary after confirming the leakage current), when the coil is driven by an SCR.
- 5. For AC type latching coils, the rated current values are half-wave rectified current values measured with a DC ammeter.

### **■** CHARACTERISTICS

### Non-latching

Contact resistance		50 mΩ max.		
Operate time		20 ms max.		
Release time		20 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 Single contact type		Unsealed: 2,000 VAC, 50/60 Hz for 1 minute 1,000 VAC, 50/60 Hz for 1 minute between contacts of same polarity Sealed: 1,500 VAC, 50/60 Hz for 1 minute		
		1,000 VAC, 50/60 Hz for 1 minute between contacts of same polarity		
		Hermetically sealed: 1,000 VAC, 50/60 Hz for 1 minute 700 VAC, 50/60 Hz for 1 minute between contacts of same polarity		
	Bifurcated contact type	1,500 VAC, 50/60 Hz for 1 minute 1,000 VAC, 50/60 Hz for 1 minute between non-continuous contacts		
Vibration	Mechanical durability	10 to 55 Hz, 1.00 mm (0.04 in) double amplitude		
	Malfunction durability	10 to 55 Hz, 1.00 mm (0.04 in) double amplitude		
Shock	Mechanical durability	1,000 m/s <sup>2</sup> (approx. 100 G)		
	Malfunction durability	200 m/s <sup>2</sup> (approx. 20 G)		
Ambient temperature	Operating	Unsealed: -55° to 70°C (-67° to 158°F) Sealed: -55° to 60°C (-67° to 140°F) Hermetically sealed: 25° to 60°C (77° to 140°F)		
Humidity		35% to 85% RH		
Service Life Mechanically		Single contact type: AC: 50 million operations min. (at operating frequency of 18,000 operations/hour) DC: 100 million operations min. (at operating frequency of 18,000 operations/hour)		
	Mechanically	Bifurcated contact type: AC: 50 million operations min. DC: 20 million operations min. (5 million operations for the sealed/hermetically sealed types) (at operating frequency of 1,800 operations/hour)		
	Electrically	See "Characteristic Data"		
Weight		Sealed/unsealed: Approx. 35 g (1.23 oz) Hermetically sealed: Approx. 50 g (1.76 oz)		

### Latching

	<del>-</del>		
	50 m $Ω$ max.		
	AC: 30 ms max.; DC: 15 ms max.		
	AC: 30 ms max.; DC: 15 ms max.		
Mechanically	18,000 operations/hour		
Under rated load	1,800 operations/hour		
	100 MΩ min. (at 500 VDC)		
	1,500 VAC, 50/60 Hz for 1 minute 1,000 VAC, 50/60 Hz for 1 minute between contacts of same polarity, and between set and reset coils		
Mechanical durability	10 to 55 Hz, 1.00 mm (0.04 in) double amplitude		
Malfunction durability	10 to 55 Hz, 1.00 mm (0.04 in) double amplitude		
Mechanical durability	1,000 m/s <sup>2</sup> (approx. 100 G)		
Malfunction durability	y 200 m/s² (approx. 20 G)		
Operating	-55° to 70°C (-67° to 158°F)		
	45% to 85% RH		
Mechanically	100 million operations min. (at operating frequency of 18,000 operations/hour)		
Electrically	See "Characteristic Data"		
	Approx. 30 g (1.06 oz)		
	Mechanical durability Malfunction durability Mechanical durability Mechanical durability Operating Mechanically		

Note: Data shown are of initial value.

### **■ CHARACTERISTIC DATA**

### Maximum switching capacity - Non-latching

MY4

# MY2, MY3 10 5 AC resistive lood AC resistive lood AC inductive lood AC inductive lood AC inductive lood AC inductive lood AC resistive lood AC resistive

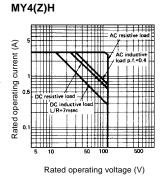
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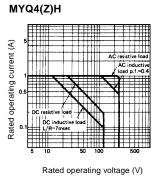
AC resistive
load

AC resistive

AC resi

Rated operating voltage (V)

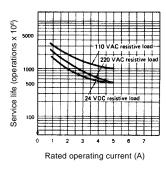




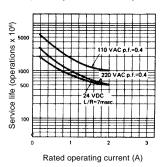
Electrical service life

Rated operating voltage (V)

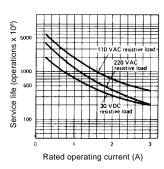
MY2, MY3 (Resistive load)



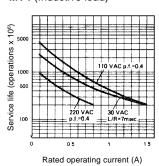
MY2, MY3 (Inductive load)



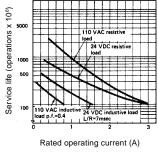
MY4 (Resistive load)



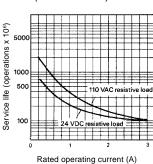
MY4 (Inductive load)



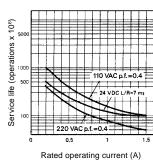
MY4H



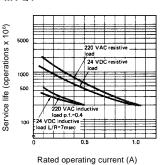
MY4Z (Resistive load)



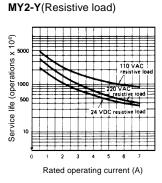
MY4Z (Inductive load)



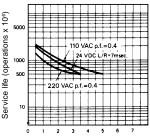
MYQ4



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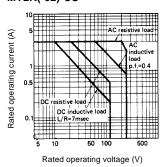


MY2-Y (Inductive load)



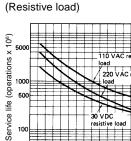
Rated operating current (A)

# Maximum switching capacity – Latching MY2K(-02)-US

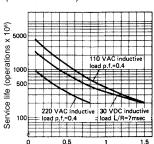


### Electrical service life

### MY2K(-02)-US







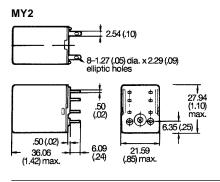
Rated operating current (A)

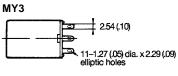
Rated operating current (A)

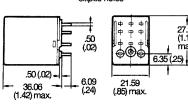
### **Dimensions**

Unit: mm (inch)

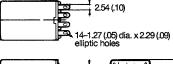
### **■ RELAYS**

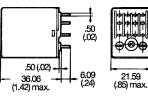


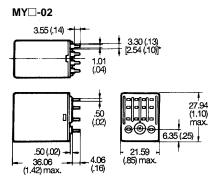




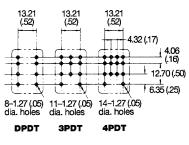


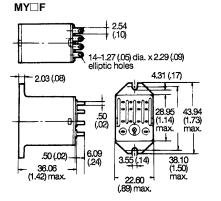




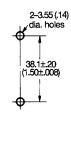






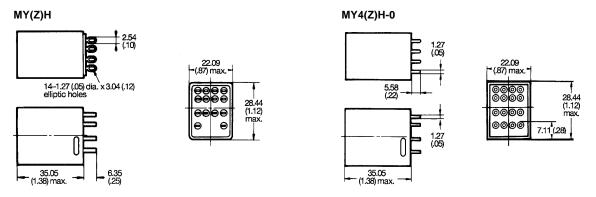


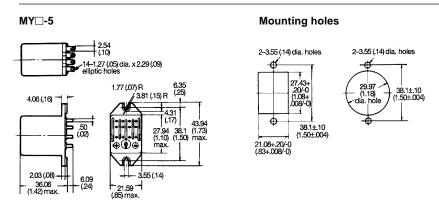
### **Mounting holes**



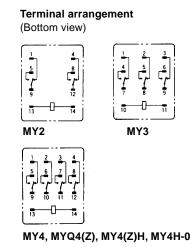
Note: The above dimensioned drawing shows the 4-pole type. The dimensions of the 2- and 3-pole types are identical to the 4-pole type.

### ■ RELAYS (continued)

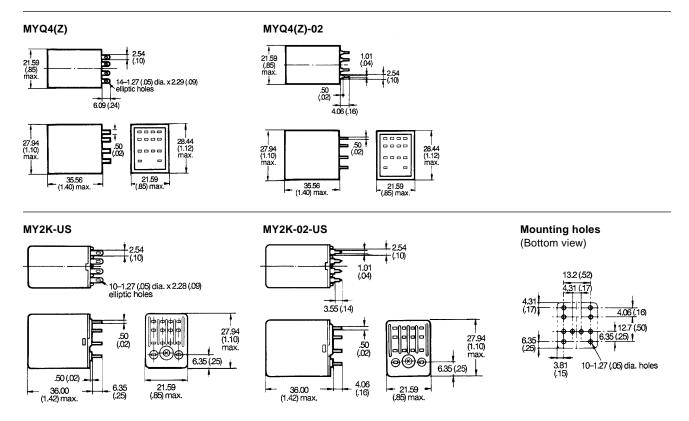




Note: The above dimensioned drawing shows the 4-pole type. The dimensions of the 2- and 3-pole types are identical the 4-pole type.

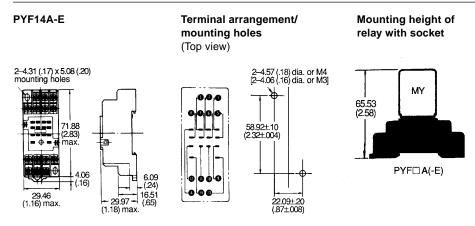


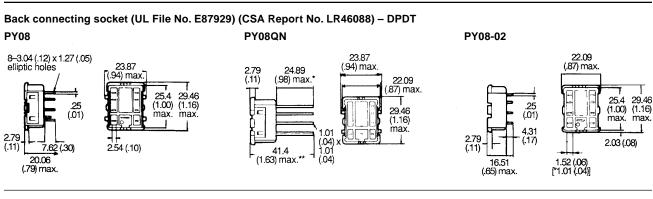
= MY

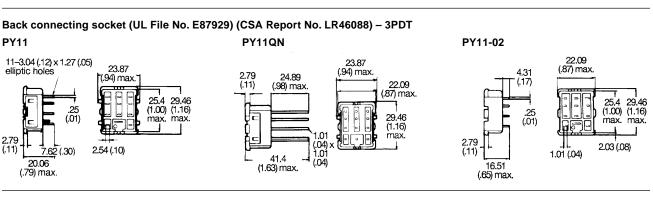


### ACCESSORIES

Track mounted sockets (UL File No. E87929) (CSA Report No. LR46088) PYF08A-E Terminal arrangement/ PYF11A Terminal arrangement/ mounting holes mounting holes (Top view) (Top view) 2-4.57 (.18) dia. or M4 [2-4.06 (.16) dia. or M3] 2-4.31(.17) x 5.08 (.20) mounting holes 2-4.31(.17) x 5.08 (.20) mounting holes 2-4.57 (.18) dia. or M4 [2-4.06 (.16) dia. or M3] 58.92±.10 (2.32±.004) 58.92±.10 (2.32±.004) 71.88 (2.83) (2.83) max. 4.06 -23.11-(.91) max 14.98±.10 (.59±.004) 16.51 (.65) 22.09±.20 (.87±.008) 16.51 - 29.97 -(1.18) max (1.16) max. 29.97 (.65) (1.18) max.





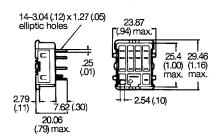


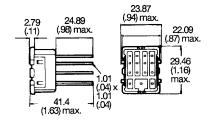
- Note: 1. UL/CSA does not apply to wire wrap (Q) type sockets.
  - 2. Value in brackets is for MY□CR.

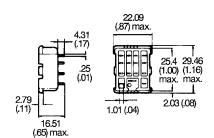
: MY

### ■ ACCESSORIES (continued)

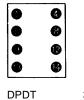
# Back connecting socket (UL File No. E87929) (CSA Report No. LR46088) – 4PDT PY14 PY14QN







### Terminal arrangement (Bottom view)





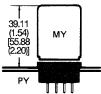


21.33±.20/-0 (.84±.008/-0)

Panel cutout

Mounting height of relay with socket

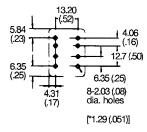
PY14-02



Note: Value in brackets is for MY□-CR.

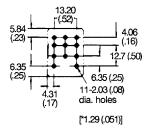
### **Mounting holes**

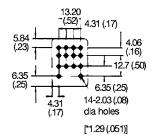
**DPDT** 



<sup>\*</sup> For types wiith suffix - 02.

3PDT



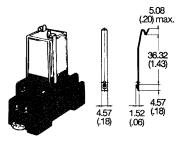


1 of types with sum - oz.

### Relay hold-down clip

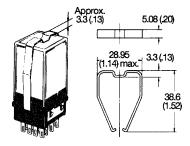
PYC-A1

for PYF $\square$ A socket



PYC-P

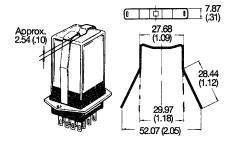
for PY□ socket



PYC-S

**4PDT** 

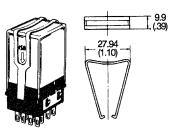
for relay mounting plates



### Relay hold-down clip

### PYC-P2

for test button self-contained type with PY□A socket



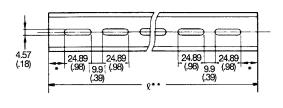


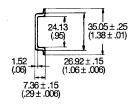


PYC-1 for RC circuit

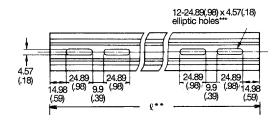


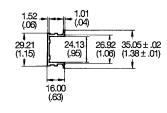
### PFP-100N/PFP-50N mounting track





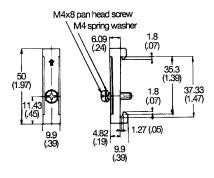
### PFP-100N2 mounting track



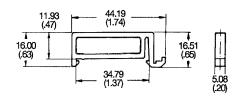


- \* This dimension is 14.99 mm (0.59 in) on both ends in the case of PFP-100N, but on one end in the case of PFP-50N.
- \*\* L = Length
  PFP-50N ......L = 497.84 mm (19.60 in)
  PFP-100N ......L = 990.60 mm (39.00 in)
  PFP-100N2 ......L = 990.60 mm (39.00 in)
- \*\*\* A total of twelve 24.89 x 4.57 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



### PFP-S spacer



### ■ ACCESSORIES (continued)

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

2-3.3 (.13) dia, holes

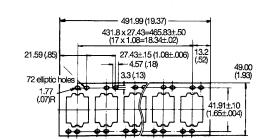
49.00 (1.93)

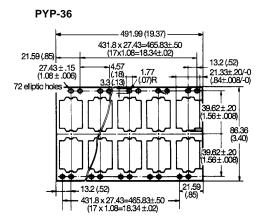
41.91 ± .10 (1.65 ± .004)

### PYP-1

Square hole

PYP-18





Number of socket specs.			
Socket needed	1	18	36
PY08, PY11, PY11QN, PY14, PY4QN	PYP-1	PYP-18	PYP-36

### **■ RELAY OPTIONS**

### **LED Indicator**

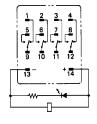
Specifications and dimensions same as the standard type with the following exception. Because an LED indicator is employed as the operation indicator, the rated current is approximately 3.8 mA higher in the DC types and 0.5 to 5 mA higher in the AC types than in the standard type.

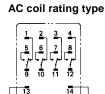
Ambient operating temperature: -55° to 60°C (-67° to 140°F).

Green LED ..... DC Red LED ..... AC

# Terminal arrangement/Internal connections (Bottom view) MY4N

DC coil rating type



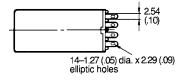


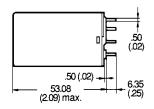
- Note: 1. In MY2N and MY3N, only the contact circuit is different from the illustration below. The coil terminals 10 and 11 of MY3N become (-) and (+), respectively.
  - 2. Pay special attention to the polarities when using the DC type.
  - 3. The AC coil-type is provided with a self-diagnostic function that detects a breakage in the coil.

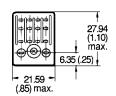
### RC Circuit

Specifications and dimensions same as the standard type with the following exceptions.

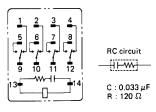
The panel cutout dimensions are the same as those of the standard type. However, the height is higher by 17.02 mm (0.67 in).







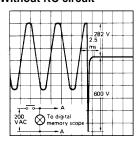
Terminal arrangement/ Internal connections (Bottom view)



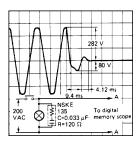
- Note: 1. The above dimensioned drawing shows the 4-pole type. The dimensions of the 2- and 3-pole types are identical to the 4-pole type.
  - 2. Available on AC versions only.
  - 3. Terminal arrangement/internal connections: MY2-Y is the same as the standard type; MY2N-Y is the same as the LED indicator type.

### **Characteristic Data**

### Without RC circuit

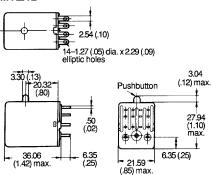


### With RC circuit



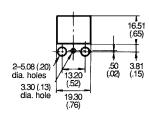
### Push-to-test button

MY□12



### **Mounting holes**

When mounting the relay, use the connecting socket PYC-P2 shown in "ACCESSORIES" section. The mounting hole dimensions shown here are applicable to the relay with mounting stud.



Note: The dimension drawings show the 4-pole type. The dimensions of the 2- and 3-pole types are identical to the 4-pole type.

### **Diode Surge Suppression**

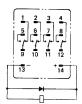
Specifications and dimensions same as the standard type with the following exceptions.

Terminal arrangement/internal connections: MY2(N)-D(2) is the same as the MY4(N)-D(2) with the exception of the contact configuration.

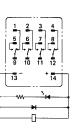
Ambient operating temperature: -55° to 60°C (-67° to 140°F).

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

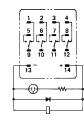
MY4-D 6, 12, 24, 48 100/110 VDC



MY4N-D2 6, 12, 24, 48 VDC



MY4N-D2 100/110 VDC



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

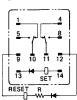
- 2. The release time is somewhat longer, but satisfies the standard specifications of 25 ms.
- 3. The reverse-breakdown voltage of the diode is 1,000 VDC.
- 4. Available on DC versions only.

### **Connecting sockets**

Use the standard MY4 (4PDT) sockets with the terminal arrangements listed below.

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

AC



DC



Note: 1. R is a resistor for ampere-turn compensation, and is incorporated in the relays rated at 50 VAC or above.

2. Pay attention to the polarity of the set and reset coils, as incorrect connection of positive and negative terminals will result in malfunctioning of the relay.

### **■** APPROVALS

### UL recognized type (File No. E41515)

Туре	Contact form	Coil ratings	Contact ratings
MY□	DPDT	6 to 240 VAC	5 A, 120 VAC (Resistive)
		6 to 120 VDC	5 A, 28 VDC (Resistive)
			5 A, 240 VAC (Inductive)
	3PDT		5 A, 28 VDC (Resistive)
			5 A, 240 VAC (Resistive)
	4PDT		3 A, 28 VDC (Resistive)
			3 A, 120 VAC (Inductive)
			1.5 A, 240 VAC (Inductive)
			5 A, 240 VAC (Inductive, same polarity)
			5 A, 28 VDC (Resistive, same polarity)
MY2K-□	DPDT	5 to 120 VAC	3 A, 240 VAC (Resistive)
		5 to 48 VDC	3 A, 28 VDC (Resistive)

### CSA certified type (File No. LR31928)

Туре	Contact form	Coil ratings	Contact ratings
MY□	DPDT	6 to 240 VAC	5 A, 28 VDC (Resistive)
	3PDT	6 to 120 VDC	5 A, 240 VAC (Inductive)
	4PDT		3 A, 28 VDC (Resistive)
			3 A, 240 VAC (Inductive)
			5 A, 240 VAC (Inductive, same polarity)
			5 A, 28 VDC (Resistive, same polarity)
MY2K-□	DPDT	5 to 120 VAC	3 A, 240 VAC (General purpose)
		5 to 48 VDC	3 A, 30 VDC (Resistive)

### LR (Lloyd's Register) approved type (File No. 563KOB-204524)

Туре	Contact form	Coil ratings	Contact ratings
MY□	DPDT	6 to 240 VAC	2 A, 30 VDC (Inductive)
	4PDT	6 to 120 VDC	2 A, 200 VAC (Inductive)
			1.5 A, 30 VDC (Inductive)
			0.8 A, 200 VAC (Inductive)
			1.5 A, 115 VAC (Inductive)

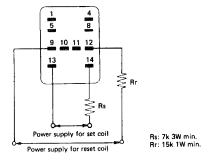
### SEV listed type (File No. D791/63 [2- & 4-pole], D791/91 [3-pole])

Туре	Contact form	Coil ratings	Contact ratings
MY□-SV	DPDT	6 to 240 VAC	5 A, 220 VAC (Resistive)
	3PDT	6 to 110 VDC	5 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.

### **■ HINTS ON CORRECT USE**

When using the relay rated at 120 VAC at a supply voltage of 240 VAC, be sure to connect external resistors Rs and Rr to the relay.



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