

EN - For pricing and availability in your local country please visit one of the below links:

DE - Informationen zu Preisen und Verfügbarkeit in Ihrem Land erhalten Sie über die unten aufgeführten Links:

FR - Pour connaître les tarifs et la disponibilité dans votre pays, cliquez sur l'un des liens suivants:

[G2R-2-SND-DC24\(S\)](#)

EN

This Datasheet is presented by
the manufacturer

DE

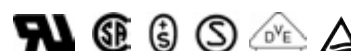
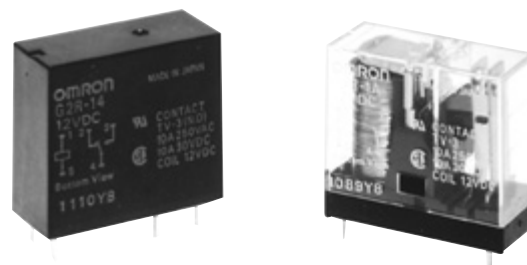
Dieses Datenblatt wird vom
Hersteller bereitgestellt

FR

Cette fiche technique est
présentée par le fabricant

Power PCB Relay G2R

- Creepage distance of 8.0 mm (0.31) min. between coil and contact.
- Dual-winding latching type available.
- Plug-in and quick-connect terminals available.
- High sensitivity (360 mW) and high capacity (16 A) types available.
- Highly stable magnetic circuit for latching endurance and excellent resistance to vibration and shock.
- Safety-oriented design assuring high surge resistance: 10,000 V min. between coil and contacts.
- UL, CSA approved, marked with CE.



Ordering Information

To order: Select the part number and add the desired coil voltage rating (e.g., G2R-14-DC12).

■ Non-Latching

1-Pole - PCB Types

Type	Contact material	Contact form	Construction	Model
General purpose	AgCdO	SPDT	Semi-sealed	G2R-1
			Sealed	G2R-14
		SPST-NO	Semi-sealed	G2R-1A
			Sealed	G2R-1A4
High-capacity		SPDT	Semi-sealed	G2R-1-E
		SPST-NO		G2R-1A-E
High-sensitivity		SPDT		G2R-1-H
				Sealed
		SPST-NO	Semi-sealed	G2R-1A-H
			Sealed	G2R-1A4-H

1-Pole - Plug-in/Quick-connect Types

Type	Contact material	Contact form	Terminal	Model
General purpose	AgCdO	SPDT	Plug-in	G2R-1-S
LED indicator				G2R-1-SN
Surge suppression diode				G2R-1-SD
LED indicator and surge suppression diode				G2R-1-SND
Upper-mount bracket		SPDT	Quick connect	G2R-1-T
		SPST-NO		G2R-1A-T

- Note:**
1. AgInSn and gold plated contacts available.
 2. Bifurcated button available.
 3. For individual product agency approvals consult factory.
 4. Class B coil insulation available.
 5. Push to test button available on plug-in type. Consult Omron for details.
 6. CE mark only on plug-in and quick connect types (G2R-□-S).

2-Pole - PCB Types

Type	Contact material	Contact form	Construction	Model
General purpose	AgCdO	DPDT	Semi-sealed	G2R-2
			Sealed	G2R-24
		DPST-NO	Semi-sealed	G2R-2A
			Sealed	G2R-2A4
High sensitivity		DPDT	Semi-sealed	G2R-2-H
			Sealed	G2R-24-H
		DPST-NO	Semi-sealed	G2R-2A-H
			Sealed	G2R-2A4-H

2 Pole - Plug-in/Quick-connect Types

Type	Contact material	Contact form	Terminal	Model
General purpose	AgCdO	DPDT	Plug-in	G2R-2-S
LED indicator				G2R-2-SN
Surge suppression diode				G2R-2-SD
Led indicator and surge suppression diode				G2R-2-SND

- Note:** 1. AgInSn and gold plated contacts available.
 2. Bifurcated button available.
 3. For individual product agency approvals consult factory.
 4. Class B coil insulation available.
 5. Push to test button available on plug-in type. Consult Omron for details.

■ Latching

Type	Contact form	Construction	Model
Dual coil latching	SPDT	Semi-sealed	G2RK-1
	SPST-NO		G2RK-1A
	DPDT		G2RK-2
	DPST-NO		G2RK-2A

■ Accessories

Track Mounted Sockets/Track

Relay	Model	
	Socket	Mounting track
G2R-1-S□□ (1-pole)	P2RF-05 P2RF-05-E	PFP-100N or PFP-50N and
G2R-2-S□□ (2-pole)	P2RF-08 P2RF-08-E	PFP-M end plate PFP-S (optional spacer)

Note: “-E” models are of finger-safe product construction. Round terminals cannot be used. Use Y-shaped terminals.

Screwless Clamp Terminal Socket Ordering Information

	1-pole	2-pole
Socket	P2RF-05-S	P2RF-08-S
Clip & release lever	P2CM-S	
Nameplate	R99-11 nameplate for MY	
Socket bridge	P2RM-SR, P2RM-SB	

Note: For complete specifications see the data sheet at Omron's Knowledge center at www.knowledge.omron.com.

Back Connecting Sockets/Plate

Relay	Terminal	Model	
		Socket	Socket mounting plate
G2R-1-S□□ (1-pole)	Solder	P2R-05-A	P2R-P
	PC	P2R-05P	
G2R-2-S□□ (2-pole)	Solder	P2R-08A	
	PC	P2R-08P	

Specifications

■ Contact Data

Non-latching general purpose, plug-in, plug-in operation indicator self-contained, plug-in diode self-contained and upper-mount bracket.

Load	1-pole type		2-pole type	
	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	10 A at 250 VAC 10 A at 30 VDC	7.5 A at 250 VAC 5 A at 30 VDC	5 A at 250 VAC 5 A at 30 VDC	2 A at 250 VAC 3 A at 30 VDC
Contact material	AgCdO			
Carry current	10 A		5 A	
Max. operating voltage	380 VAC, 125 VDC			
Max. operating current	10 A		5 A	
Max. switching capacity	2,500 VA, 300 W	1,875 VA, 150 W	1,250 VA, 150 W	500 VA, 90 W
Min permissible load	100 mA, 5 VDC		10 mA, 5 VDC	

Non-latching high capacity 1-pole type

Load	Resistive load (p.f. = 1)	Inductive load (p.f. = 0.4) (L/R = 7 ms)
Rated load	16 A at 250 VAC 16 A at 30 VDC	8 A at 250 VAC 8 A at 30 VDC
Contact material	AgCdO	
Carry current	16 A	
Max. operating voltage	380 VAC, 125 VDC	
Max. operating current	16 A	
Max. switching capacity	4,000 VA, 480 W	2,000 VA, 240 W
Min. permissible load	100 mA, 5 VDC	

Non-latching high-sensitivity

Load	1-pole type		2-pole type	
	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 250 VAC 5 A at 30 VDC	2 A at 250 VAC 3 A at 30 VDC	3 A at 250 VAC 3 A at 30 VDC	1 A at 250 VAC 1.50 A at 30 VDC
Contact material	AgCdO			
Carry current	5 A		3 A	
Max. operating voltage	380 VAC, 125 VDC			
Max. operating current	5 A		3 A	
Max. switching capacity	1,250 VA, 150 W	500 VA, 90 W	750 VA, 90 W	250 VA, 45 W
Min permissible load	100 mA, 5 VDC		10 mA, 5 VDC	

Latching

Load	1-pole type		2-pole type	
	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 250 VAC 5 A at 30 VDC	3.50 A at 250 VAC 2.50 A at 30 VDC	3 A at 250 VAC 3 A at 30 VDC	1.50 A at 250 VAC 2 A at 30 VDC
Contact material	AgCdO			
Carry current	5 A		3 A	
Max. operating voltage	380 VAC, 125 VDC			
Max. operating current	5 A		3 A	
Max. switching capacity	1,250 VA, 150 W	875 VA, 75 W	750 VA, 90 W	375 VA, 60 W
Min permissible load	100 mA, 5 VDC		10 mA, 5 VDC	

- Note:** 1. P standard: $\lambda_{50} = 0.10 \times 10^{-6}$ operation.
 2. AgInSn contacts available.
 3. For individual product agency approvals consult factory.

■ Coil Data

Non-latching DC coil

Rated voltage (VDC)	Rated current (mA)	Coil resistance (Ω)	Coil inductance (ref. value) (H)		Pick-up voltage	Dropout voltage	Maximum voltage	Power consumption (mW)
			Armature OFF	Armature ON	% of rated voltage			
3	176	17	0.07	0.14	70% max.	15% min.	110% max. at 70°C (158°F)	Approx. 530
5	106	47	0.20	0.39				
6	88.20	68	0.28	0.55				
12	43.60	275	1.15	2.29				
24	21.80	1,100	4.27	8.55				
48	11.50	4,170	13.86	22.71				
100	5.30	18,860	67.20	93.20				
110	4.80	22,900	81.50	110.60				

Non-latching AC coil

Rated voltage (VDC)	Rated current (mA)	Coil resistance (Ω)	Coil inductance (ref. value) (H)		Pick-up voltage	Dropout voltage	Maximum voltage	Power consumption (mW)
			Armature OFF	Armature ON				
6	150	16	0.05	0.10	80% max.	30% min.	110% max. at 70°C (158°F)	Approx. 0.9
12	75	65	0.19	0.39				
24	37.50	260	0.81	1.55				
50	18	1,130	3.25	6.73				
110	10.60	4,600	13.34	26.84				
120	7.50	6,500	21	42				
220	5.30	22,000	51.30	102				
240	3.80	30,000	65.50	131				

Non-latching high-sensitivity DC coil

Rated voltage (VDC)	Rated current (mA)	Coil resistance (Ω)	Coil inductance (ref. value) (H)		Pick-up voltage	Dropout voltage	Maximum voltage	Power consumption (mW)
			Armature OFF	Armature ON				
3	120	25	0.13	0.26	70% max.	15% min.	110% max. at 70°C (158°F)	Approx. 360
5	71.40	70	0.37	0.75				
6	60	100	0.63	1.07				
12	30	400	2.14	4.27				
24	15	1,600	7.80	15.60				
48	7.50	6,400	31.20	62.40				

Latching dual coil type - Set coil

Rated voltage (VDC)	Rated current (mA)	Coil resistance (Ω)	Coil inductance (ref. value) (H)		Pick-up voltage	Dropout voltage	Maximum voltage	Power consumption (mW)
			Armature OFF	Armature ON				
3	227	10.80	0.026	0.052	70% max.	70% max.	110% max. at 70°C (158°F)	Approx. 850
5	167	30	0.073	0.146				
6	138	43.50	0.104	0.208				
12	70.60	170	0.42	0.83				
24	34.60	694	1.74	3.43				

Latching dual coil type - Reset coil

Rated voltage (VDC)	Rated current (mA)	Coil resistance (Ω)	Coil inductance (ref. value) (H)		Pick-up voltage	Dropout voltage	Maximum voltage	Power consumption (mW)
			Armature OFF	Armature ON				
3	200	15	0.001	0.002	70% max.	70% max.	110% max. at 70°C (158°F)	Approx. 600
5	119	42	0.003	0.006				
6	100	60	0.005	0.009				
12	50	240	0.018	0.036				
24	25	960	0.079	0.148				

Note: 1. The rated current and coil resistance are measured at a coil temperature of 23°C (73°F) with a tolerance of $\pm 10\%$.
2. The operating characteristics are measured at a coil temperature of 23°C (73°F).

■ Characteristics

Item		Non-latching	Latching
Contact resistance		100 m Ω	
Operate (set) time		15 ms. max.	20 ms max.
Release (reset) time		AC: 10 ms max.; DC: 5 ms max.	20 ms max.
Bounce time	Operate	---	Mean value approx. 3 ms
	Release	---	Mean value approx. 8 ms
Operating frequency	Mechanical	18,000 operations/hour	
	Electrical	1,800 operations/hour (under rated load)	
Insulation resistance		1,000 M Ω min. (at 500 VDC)	
Dielectric strength		5,000 VAC, 50/60 Hz for 1 minute between coil and contacts	
		1,000 VAC, 50/60 Hz for 1 minute across contacts of same pole	
		3,000 VAC, 50/60 Hz for 1 minute between contact sets, 2-pole non-latching	
		1,000 VAC, 50/60 Hz for 1 minute between set and reset coils of dual coil latching	
Vibration	Mechanical durability	10 to 55 Hz; 1.50 mm (0.06) double amplitude	
	Malfunction durability	10 to 55 Hz; 1.50 mm (0.06) double amplitude	
Shock	Mechanical durability	1,000 m/s ² (approx. 100G)	
	Malfunction durability	200 m/s ² (approx. 20 G) when energized 100 m/s ² (approx. 10 G) when de-energized	500 m/s ² (approx. 50 G) at set 100 m/s ² (approx. 10 G) at reset
Ambient temperature		-40 to 70°C (-40 to 158°F)	
Humidity		35% to 85% RH	
Service life	Mechanical	AC: 10,000,000 operations min. DC: 20,000,000 operations min. (at 18,000 operations/hour)	10,000,000 operations min. (at 18,000 operations/hour)
	Electrical	See "Characteristics Data"	
Weight		Approx. 17 g (0.60 oz.)	

Note: Data shown are of initial value.

■ Characteristic Data

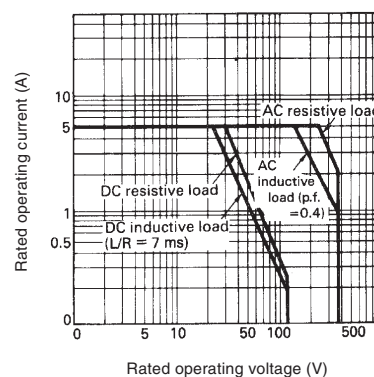
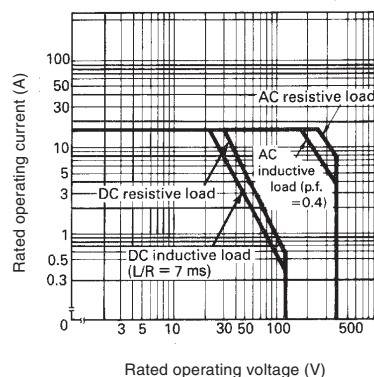
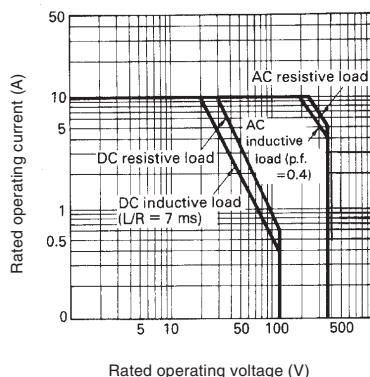
Maximum Switching Capacity - Non-latching Types

PCB: Single-pole general purpose
Semi-sealed

Plug-in: Single-pole single button
Quick-connect

High capacity

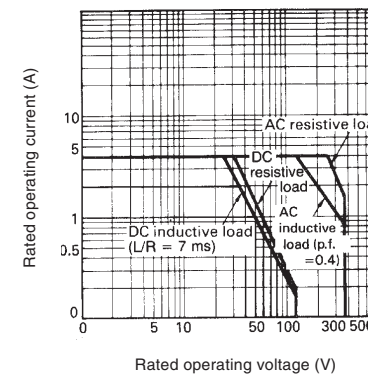
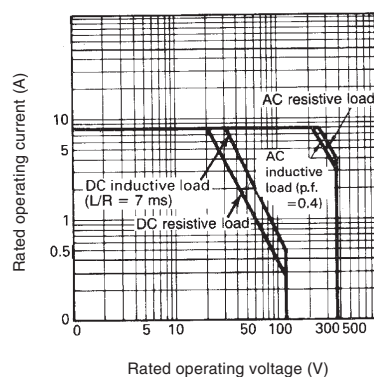
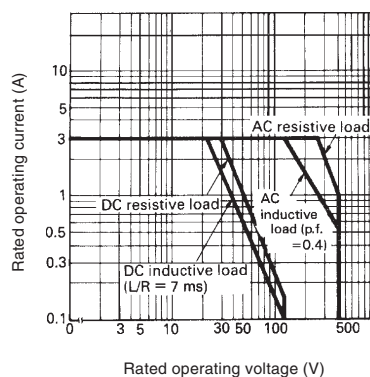
PCB: Single-pole high sensitivity
Two-pole general purpose
Plug-in: Two-pole single button



PCB: Two-pole high sensitivity

PCB: Single-pole general purpose
Sealed

PCB: Two-pole general purpose
Sealed



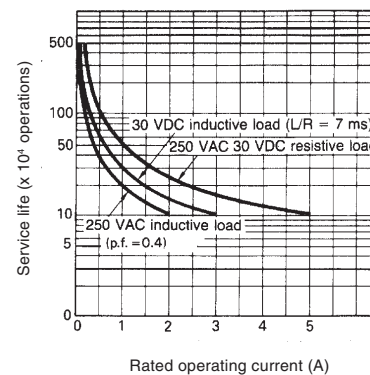
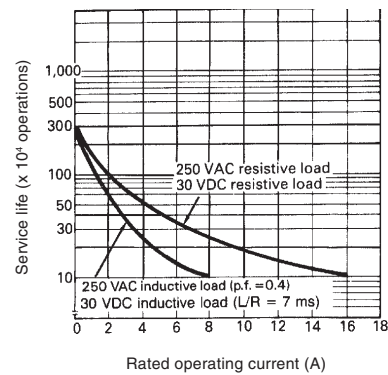
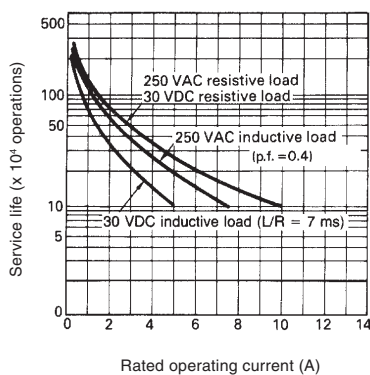
Electrical Service Life - Non-latching Types

PCB: Single-pole general purpose
Semi-sealed

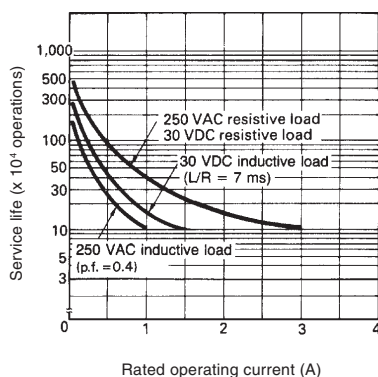
High capacity

PCB: Single-pole high sensitivity
Two-pole general purpose
Plug-in: Two-pole single button

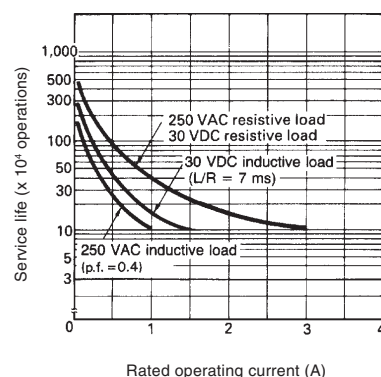
Plug-in: Single-pole single button
Quick connect



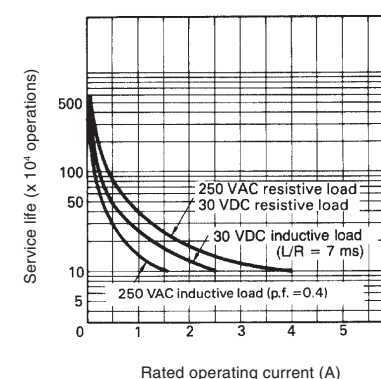
PCB: Two-pole high sensitivity



PCB: Single-pole general purpose Sealed

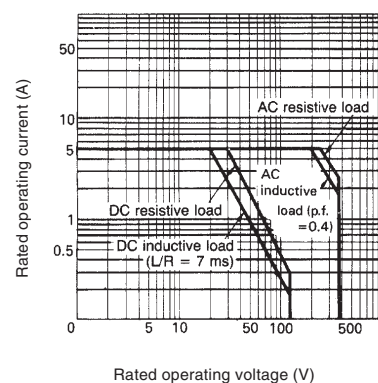


PCB: Two-pole general purpose Sealed

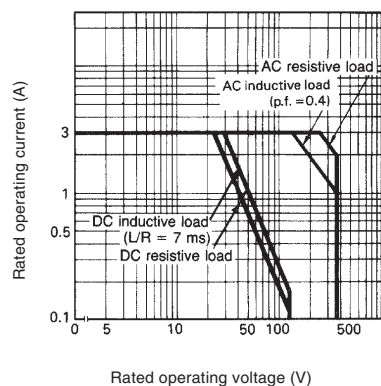


Maximum Switching Capacity - Latching Types

One pole

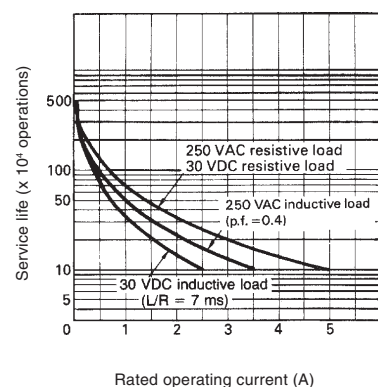


Two-pole

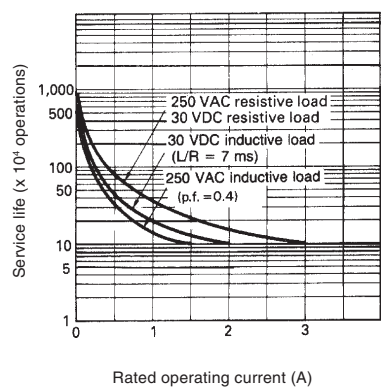


Electrical Service Life - Latching Types

One pole



Two-pole

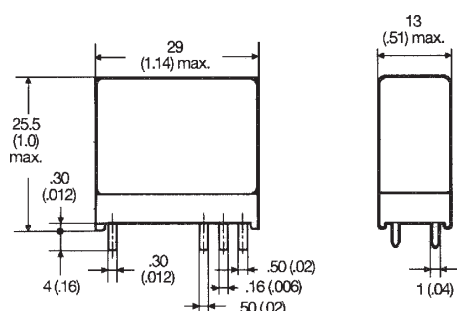


Dimensions

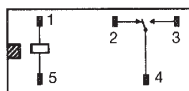
Unit: mm (inch)

■ Non-latching

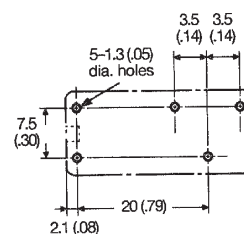
PCB Terminal: SPDT, general purpose & high sensitivity



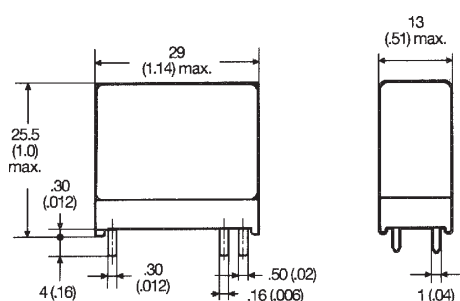
Terminal arrangement/
Internal connections
(Bottom view)



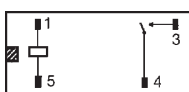
Mounting holes
(Bottom view)



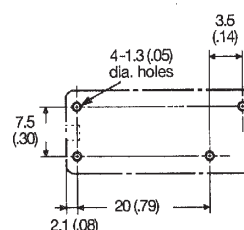
PCB Terminal: SPST-NO, general purpose & high sensitivity



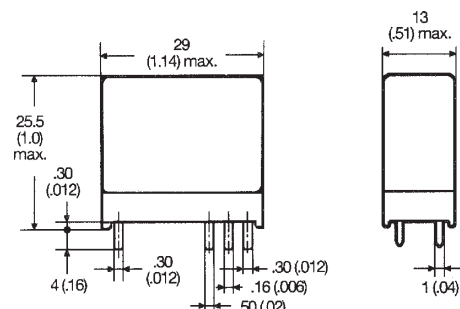
Terminal arrangement/
Internal connections
(Bottom view)



Mounting holes
(Bottom view)



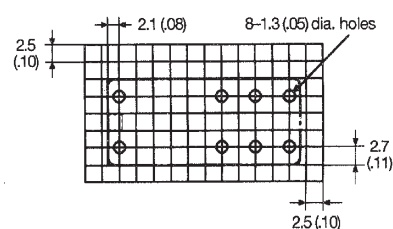
PCB Terminal: SPDT, high capacity



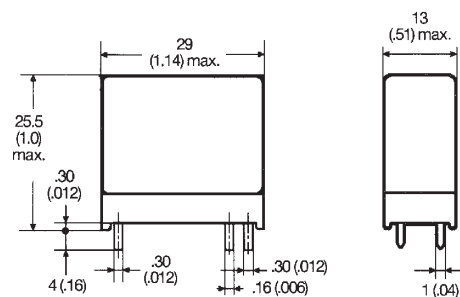
Terminal arrangement/
Internal connections
(Bottom view)



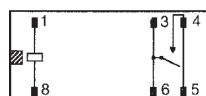
Mounting holes
(Bottom view)



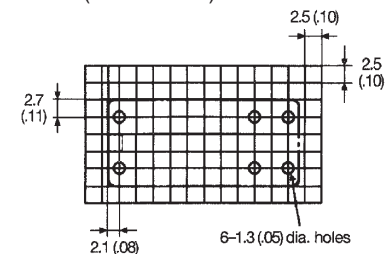
PCB Terminal: SPST-NO, high capacity



Terminal arrangement/
Internal connections
(Bottom view)

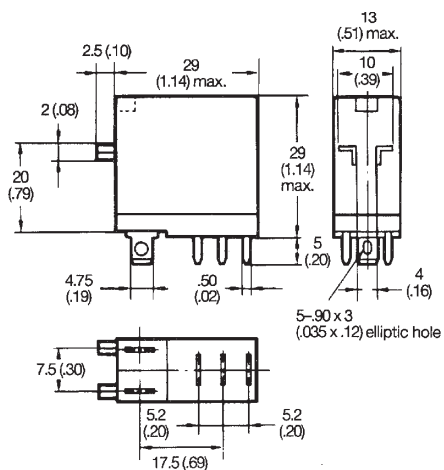


Mounting holes
(Bottom view)



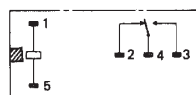
- Note: 1. and indicate mounting orientation marks.
2. A tolerance of ± 0.10 (0.004) applies to the above dimensions.

Plug-in: SPDT, single button general purpose, LED indicator, surge suppression diode

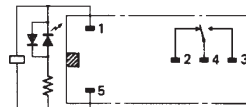


Terminal arrangement/Internal connections
(Bottom view)

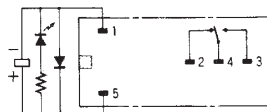
G2R-1-S



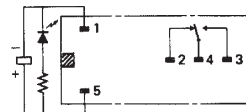
G2R-1-SN(AC)



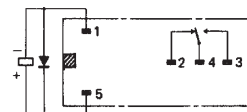
G2R-1-SND(DC)



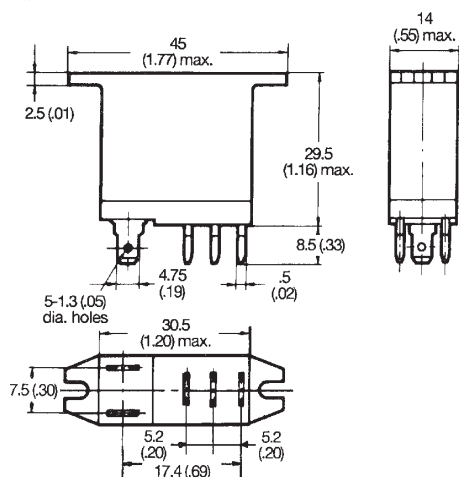
G2R-1-SN(DC)



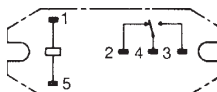
G2R-1-SD(DC)



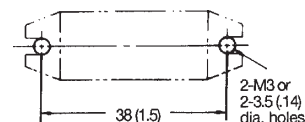
Quick-connect: SPDT



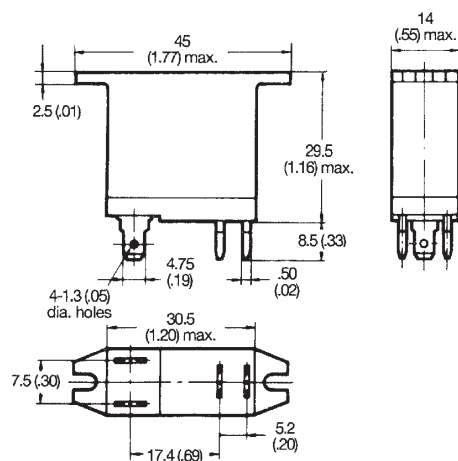
Terminal arrangement/
Internal connections
(Bottom view)



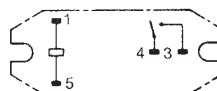
Mounting holes
(Bottom view)



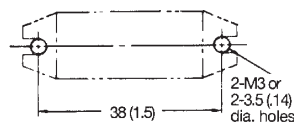
Quick-connect: SPST-NO



Terminal arrangement/
Internal connections
(Bottom view)

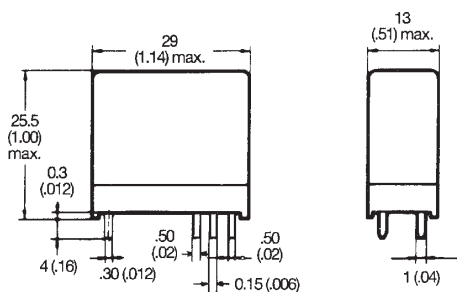


Mounting holes
(Bottom view)

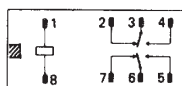


- Note: 1. and indicate mounting orientation marks.
2. A tolerance of ± 0.10 (0.004) applies to the above dimensions

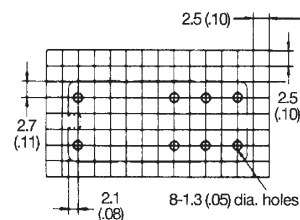
PCB Terminal: DPDT, general purpose & high sensitivity



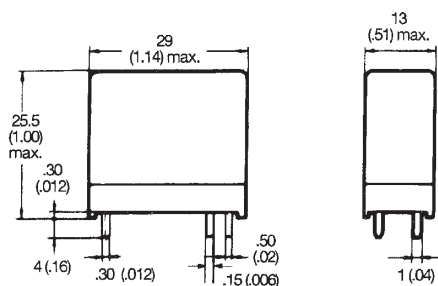
**Terminal arrangement/
Internal connections**
(Bottom view)



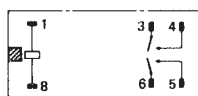
Mounting holes
(Bottom view)



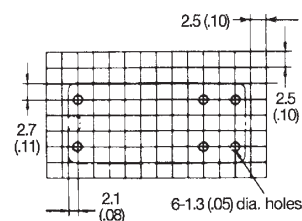
PCB Terminal: DPST-NO, general purpose & high sensitivity



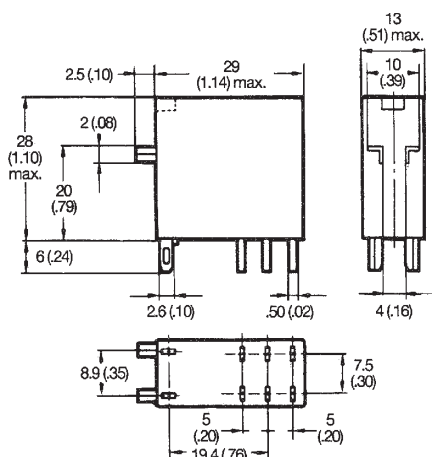
**Terminal arrangement/
Internal connections**
(Bottom view)



Mounting holes
(Bottom view)

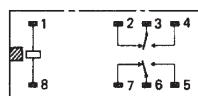


Plug-in: DPDT

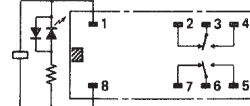


Terminal arrangement/Internal connections
(Bottom view)

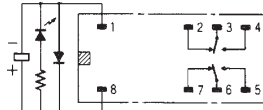
G2R-2-S



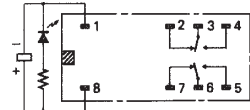
G2R-2-SN(AC)



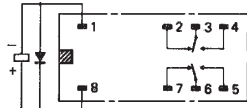
G2R-2-SND(DC)



G2R-2-SN(DC)



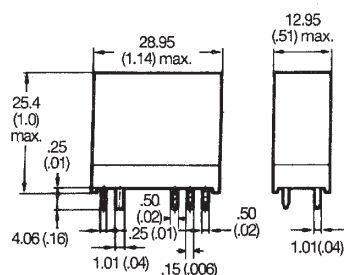
G2R-2-SD(DC)



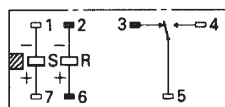
- Note:** 1. and indicate mounting orientation marks.
2. A tolerance of ± 0.10 (0.004) applies to the above dimensions.

■ Latching

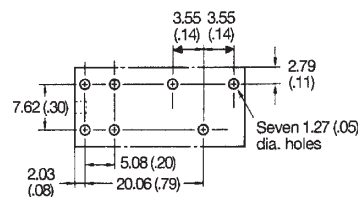
SPDT, Dual coil latching G2RK-1



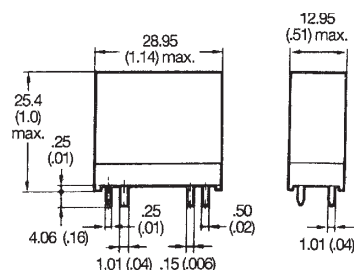
Dual coil



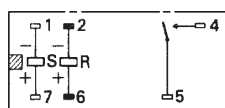
Dual coil



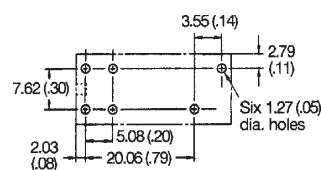
SPST-NO, Dual coil latching G2RK-1A



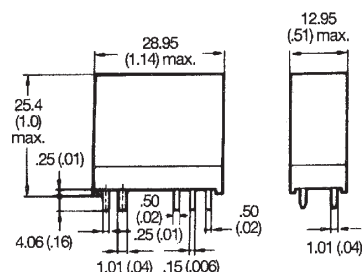
Dual coil



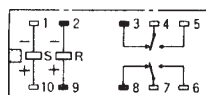
Dual coil



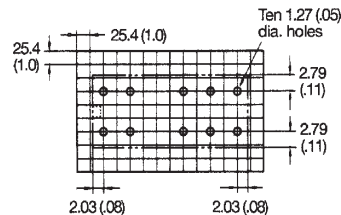
DPDT, Dual coil latching G2RK-2



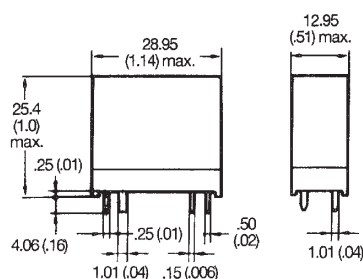
Dual coil



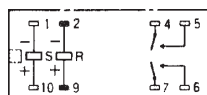
Dual coil



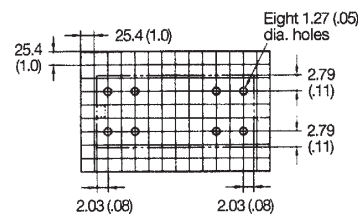
DPST-NO, Dual coil latching G2RK-2A



Dual coil



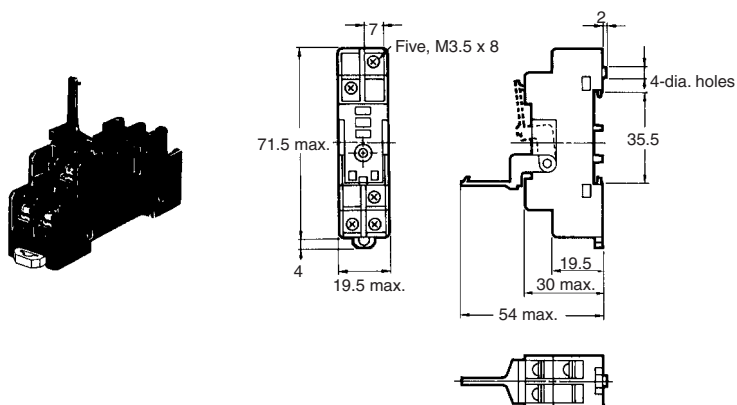
Dual coil



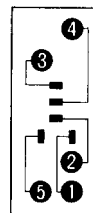
- Note: 1. and indicate mounting orientation marks.
2. A tolerance of ± 0.10 (0.004) applies to the above dimensions.

Accessories

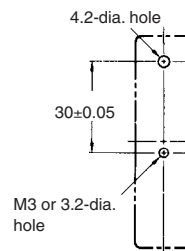
Track mounted socket P2RF-05 (UL E87929/CSA LR31928)



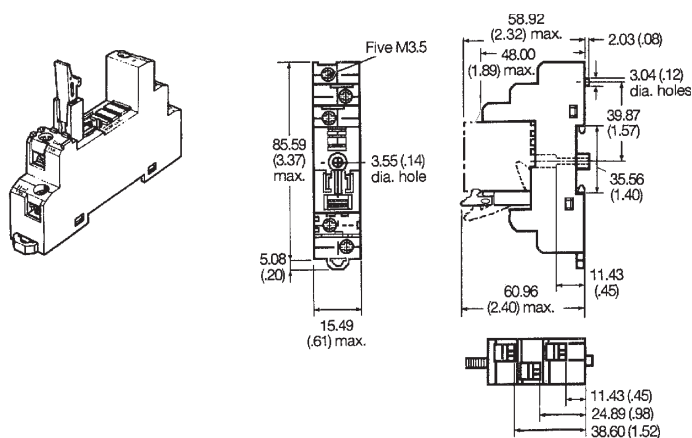
Terminal arrangement
(Top view)



Mounting holes
(for surface mounting)



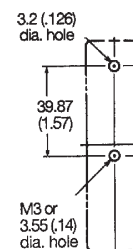
Track mounted socket P2RF-05-E (UL E87929/CSA LR31928)



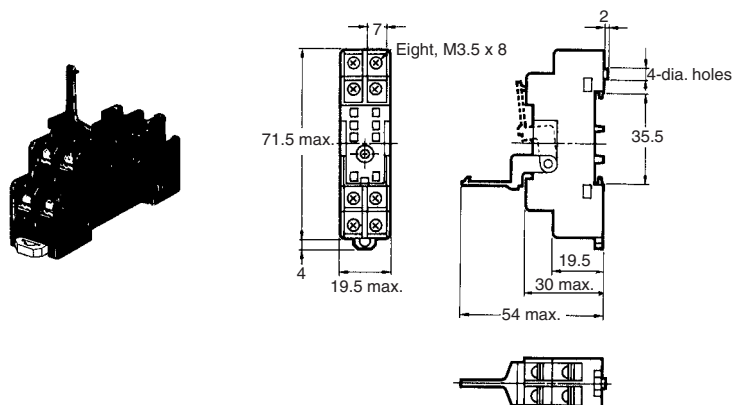
Terminal arrangement



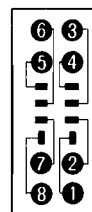
Mounting holes



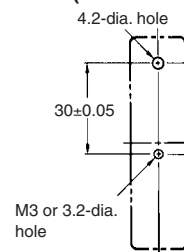
Track mounted socket P2RF-08 (UL E87929/CSA LR31928)



Terminal arrangement
(Top view)

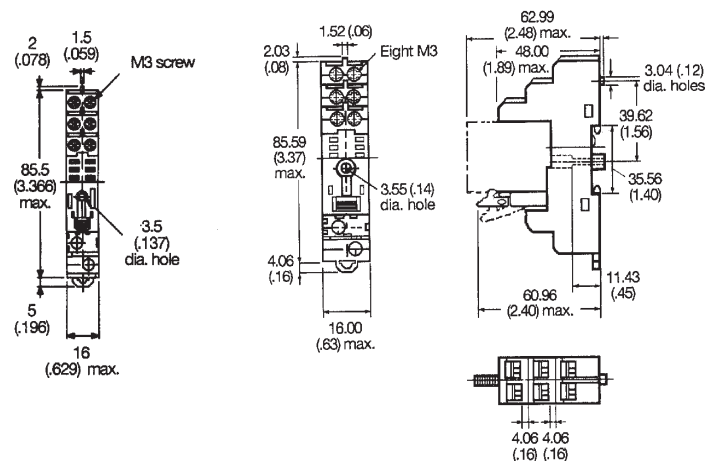


Mounting holes
(for surface mounting)

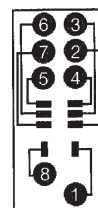


- Note: 1. and indicate mounting orientation marks.
2. A tolerance of ± 0.10 (0.004) applies to the above dimensions.

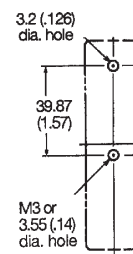
Track mounted socket
P2RF-08-E (UL E87929/CSA LR31928)



Terminal arrangement

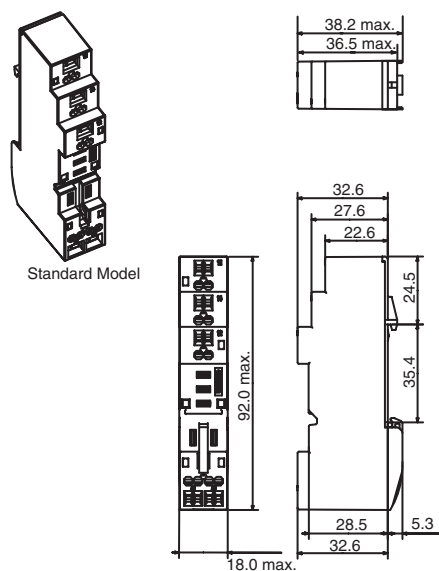


Mounting holes

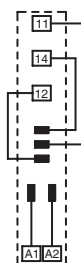


- Note:** 1.  and  indicate mounting orientation marks.
 2. A tolerance of ± 0.10 (0.004) applies to the above dimensions.

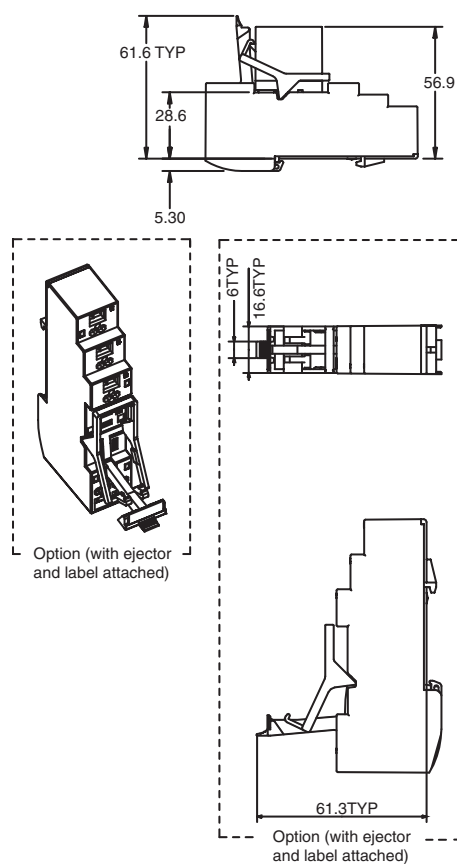
**Screwless Clamp Terminal Socket
P2RF-05-S (UL E8729/CSA LR31928)**



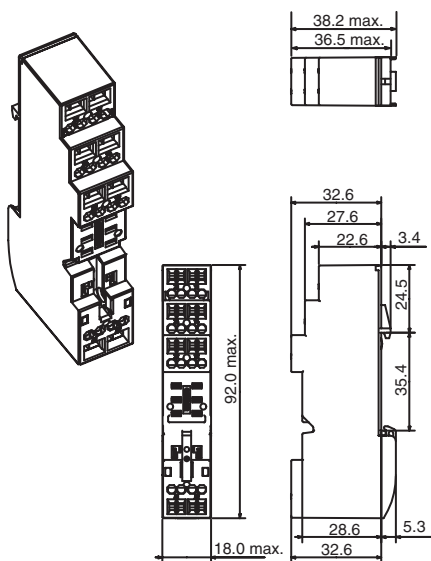
Terminal Arrangement



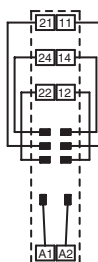
Mounting Height (with lever)



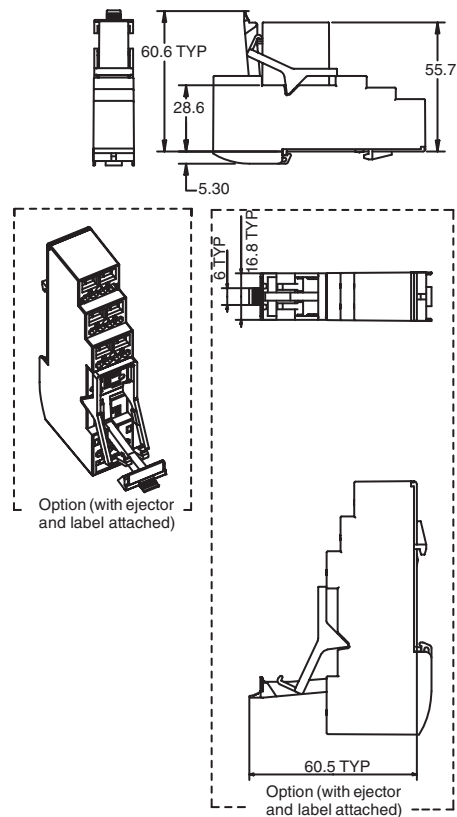
**Screwless Clamp Terminal Socket
P2RF-08-S (UL E8729/CSA LR31928)**



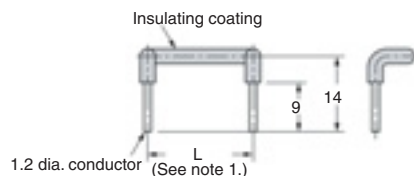
Terminal Arrangement



Mounting Height (with lever)



Socket



Note: 1. The relationship between the model, the length L, and the color of the insulating coating is shown in the following table.

Model	Length (L) mm	Color of insulating coating
P2RM-SR	14.3	Red
P2RM-SB		Blue

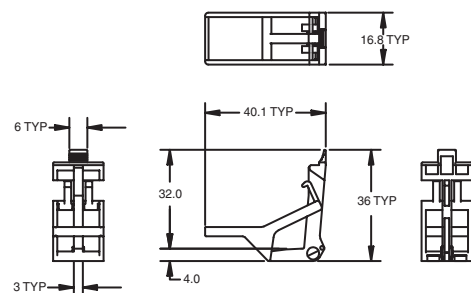
2. The insulating coating must be able to withstand a voltage of 3,000 V for 1 minute. Use either PE or PA as the material of the insulating coating.

3. The positions of the ends of the insulating coating must not vary more than 0.5 mm.

4. The characteristics of the socket bridge are shown in the following table.

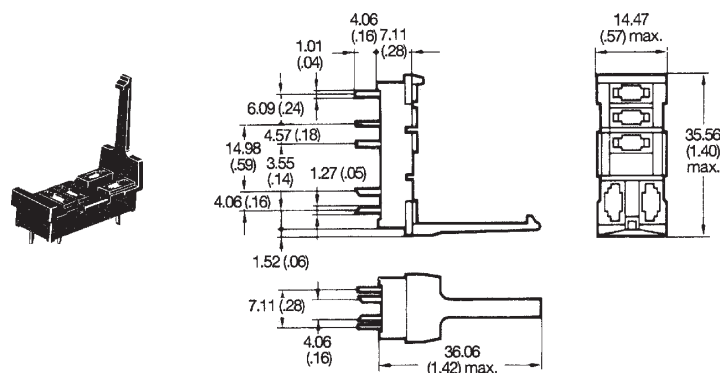
Item	Characteristic
Rated ON current	10 A
Rated insulation voltage	250 VAC
Temperature rise	35°C max.
Dielectric strength	3,000 VAC for 1 minute
Ambient operating temperature	-55 to 70°C

Clip and Release Lever



Back connecting socket

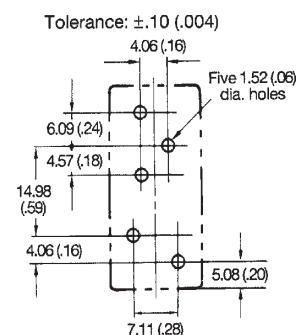
P2R-05P (1-pole) (UL E87929/CSA LR31928)



Terminal arrangement



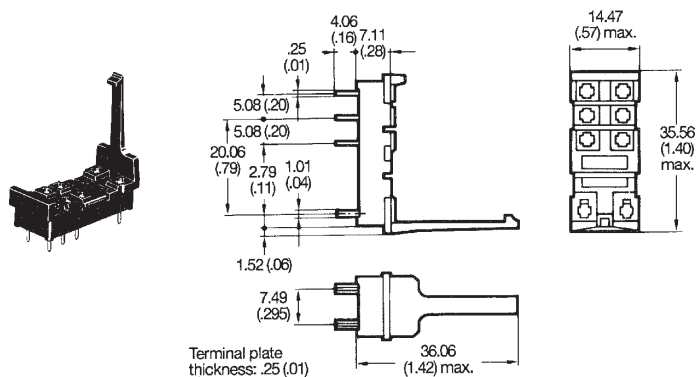
Mounting holes



Note: 1. and indicate mounting orientation marks.

2. A tolerance of ± 0.10 (0.004) applies to the above dimensions.

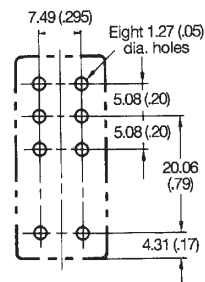
Back connecting socket
P2R-08P (2-pole) (UL E87929/CSA LR31928)



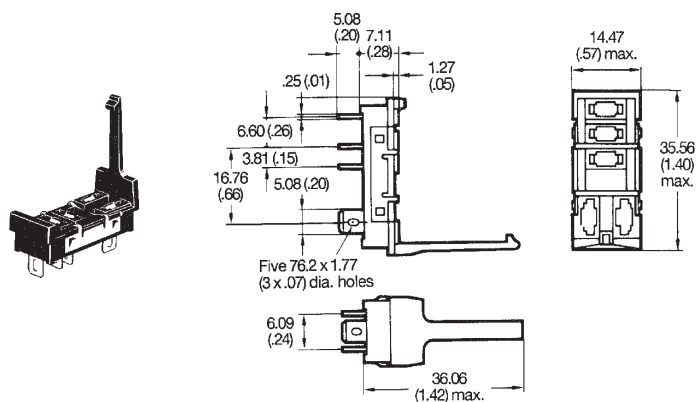
Terminal arrangement



Mounting holes



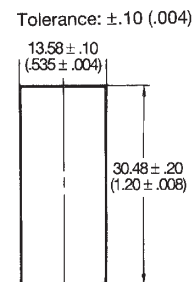
Back connecting socket
P2R-05A (1-pole) (UL E87929/CSA LR31928)



Terminal arrangement

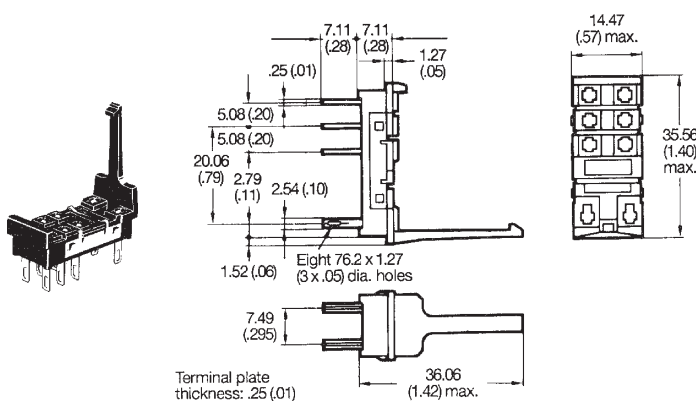


Mounting holes
(Bottom view)

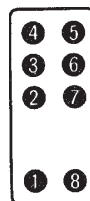


Recommended thickness of the panel is 1.52 (.06) to 2.03 (.08)

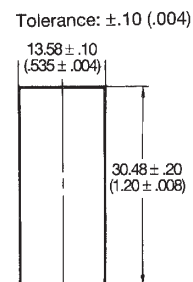
Back connecting socket
P2R-08A (2-pole) (UL E87929/CSA LR31928)



Terminal arrangement



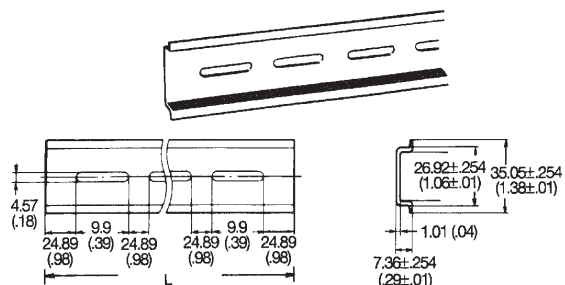
Mounting holes
(Bottom view)



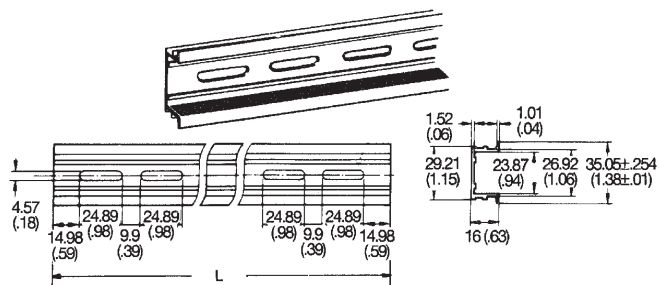
Recommended thickness of the panel is 1.52 (.06) to 2.03 (.08)

Note: 1. and indicate mounting orientation marks.
 2. A tolerance of ± 0.10 (0.004) applies to the above dimensions.

Mounting track PFP-100N, PFP-50N

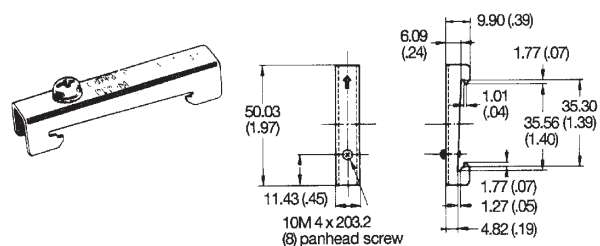


Mounting track PFP-100N2

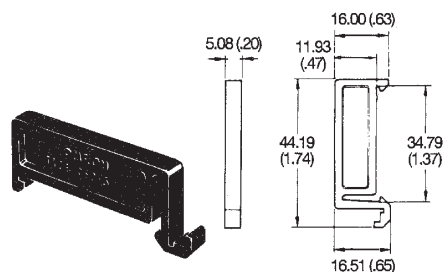


- Note: 1. It is recommended that a panel thickness of 0.06 to 0.08 mm (0.002 to 0.003 in) be used.
2. L = Length
PFP-100N L = 990.60 mm (39.00 in)
PFP-50N L = 497.84 mm (19.60 in)
PFP-100N2 L = 990.60 mm (39.00 in)

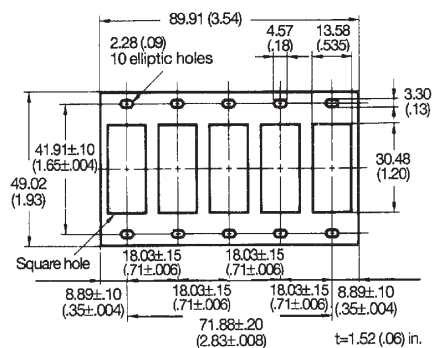
End plate PFP-M



Spacer PFP-S



Connecting socket mounting plate P2R-P



■ Approvals

UL (File No. E41643)/ CSA (File No. 31928)

Type	Contact form	Coil rating	Contact ratings
G2R-1 G2R-14 G2R-1-H G2R-14-H G2R-1-S G2R-1-T	SPDT	3 to 110 VDC 3 to 240 VDC	10 A, 30 VDC (Resistive) 10 A, 250 VAC (General purpose) 10 A, 277 VAC (General purpose) TV-3, 120 VAC (NO contact) 360 WT, 120 VAC (Tungsten) 1/3 HP, 125 VAC (NO contact) 1/2 HP, 250 VAC (NO contact) 1/2 HP, 277 VAC (NO contact) TV-8, 120 VAC (NO contact, ASI contacts) B300 (Pilot duty)
G2R-1A G2R-1A4 G2R-1A-H G2R-1A4-H G2R-1A-T	SPST-NO		
G2R-1-E	SPDT	3 to 110 VDC 3 to 240 VAC	20 A, 277 VAC (General purpose) 16 A, 30 VDC (Resistive) 16 A, 250 VAC (General purpose) 360 WT, 120 VAC (Tungsten) TV-3, 120 VAC (NO contact) 1/2 HP, 240 VAC 1 HP, 240 VAC TV-8, 120 VAC (No contact, ASI contacts)
G2R-1A-E	SPST-NO		
G2R-2 G2R-24 G2R-2-H G2R-24-H G2R-2-S G2R-2-A G2R-2A4 G2R-2A-H G2R-2A4-H	DPDT	3 to 110 VDC 3 to 240 VAC	10 A, 30 VDC (Resistive) 10 A, 277 VAC (General purpose) 5 A, 250 VAC (General purpose) TV-3, 120 VAC (NO contact) 1/6 HP, 120 VAC 1/3 HP, 240 VAC 1/3 HP, 265 VAC 250 VA, 120 VAC (Pilot duty) B300 (Pilot duty)
G2RK-1	SPDT	3 to 24 VDC	10 A, 30 VDC (Resistive) 10 A, 250 VAC (General purpose) TV-3 (NO contact) 1/6 HP, 120 VAC 1/2 HP, 120 VAC A300 (Pilot duty)
G2RK-1A	SPST-NO		
G2RK-2	DPDT	3 to 24 VDC	5 A, 30 VDC (Resistive) 5 A, 250 VAC (General purpose) TV-3 (NO contact) 1/6 HP, 120 VAC 1/3 HP, 240 VAC
G2RK-2A	DPST-NO		

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

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

ALL DIMENSIONS SHOWN ARE IN MILLIMETERS. To convert millimeters into inches, divide by 25.4

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[G2R-2-SND-DC24\(S\)](#)

EN

This Datasheet is presented by
the manufacturer

DE

Dieses Datenblatt wird vom
Hersteller bereitgestellt

FR

Cette fiche technique est
présentée par le fabricant