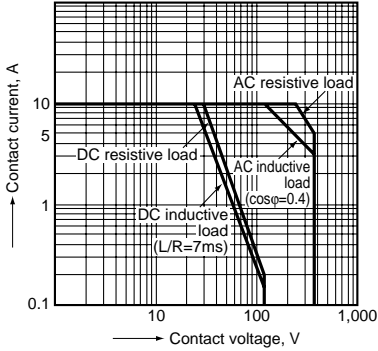


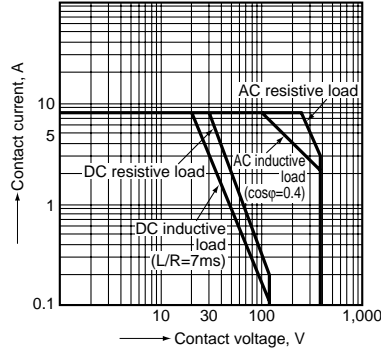
DY (ADY1, 3)

REFERENCE DATA

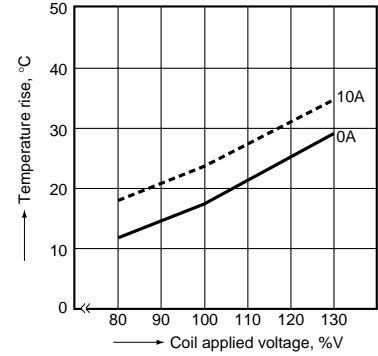
1-(1). Maximum switching capacity
(1 Form A)
Tested sample: ADY10024



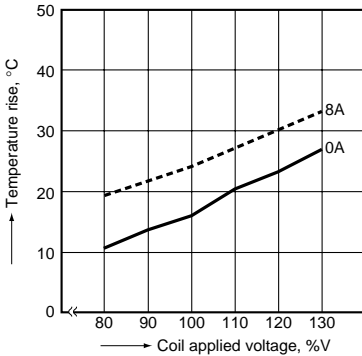
1-(2). Maximum switching capacity
(1 Form A 1 Form B)
Tested sample: ADY30024



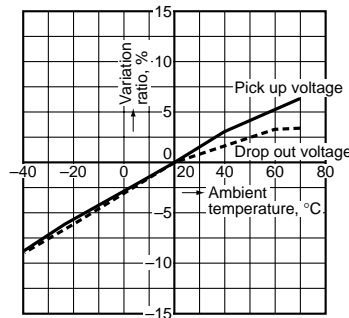
2-(1). Coil temperature rise
(1 Form A)
Tested sample: ADY10024, 6 pcs.
Ambient temperature: 20°C, 68°F



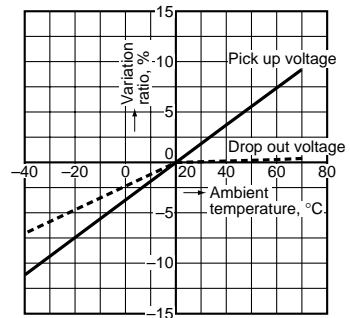
2-(2). Coil temperature rise
(1 Form A 1 Form B)
Tested sample: ADY30024, 6 pcs.
Ambient temperature: 20°C, 68°F



3-(1). Ambient temperature characteristics
(1 Form A)
Tested sample: ADY10024, 6 pcs.
Ambient temperature: -40°C to 70°C -40°F to 158°F



3-(2). Ambient temperature characteristics
(1 Form A 1 Form B)
Tested sample: ADY30024, 6 pcs.
Ambient temperature: -40°C to 70°C -40°F to 158°F



DIMENSIONS (mm inch)

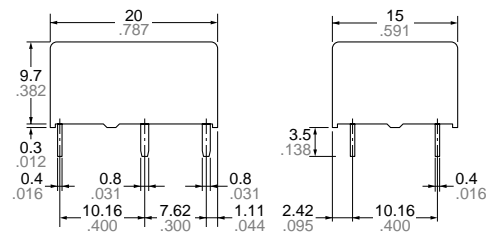
The CAD data of the products with a **CAD Data** mark can be downloaded from: <http://industrial.panasonic.com/ac/e>

1. 1 Form A type

CAD Data

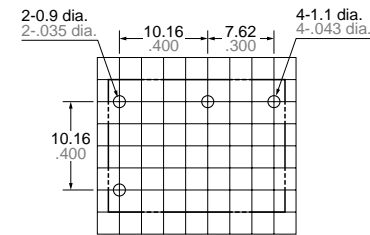


External dimensions
Single side stable type



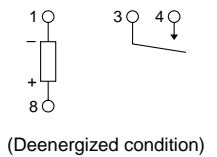
PC board pattern
(BOTTOM VIEW)

Single side stable type

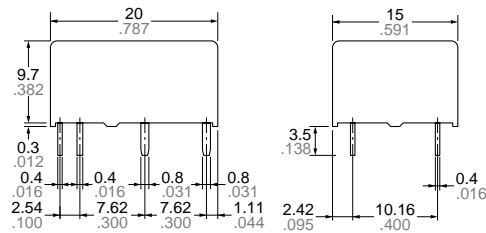


Schematic
(BOTTOM VIEW)

Single side stable

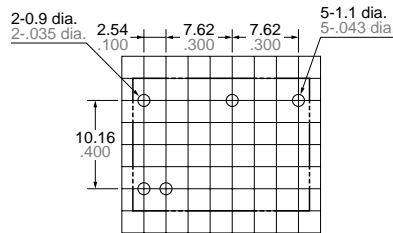


2 coil latching type



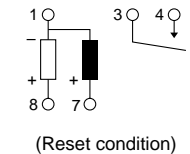
General tolerance: $\pm 0.3 \pm 0.012$

2 coil latching type



Tolerance: $\pm 0.1 \pm 0.004$

2 coil latching type



Since this is a polarized relay, the connection to the coil should be done according to the above schematic.

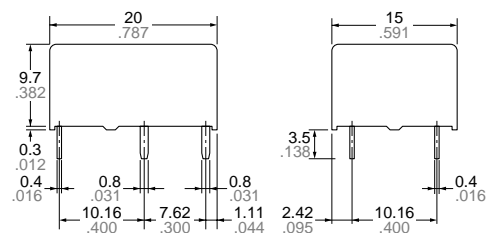
2. 1 Form A 1 Form B type

CAD Data

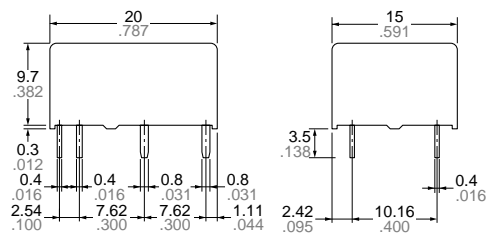


External dimensions

Single side stable type



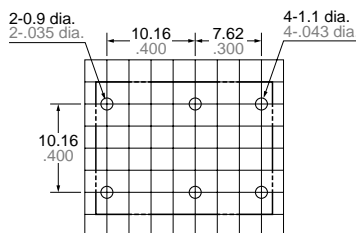
2 coil latching type



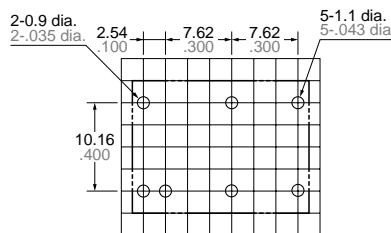
General tolerance: $\pm 0.3 \pm .012$

PC board pattern (BOTTOM VIEW)

Single side stable type



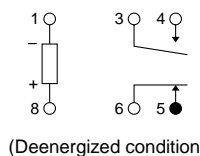
2 coil latching type



Tolerance: $\pm 0.1 \pm .004$

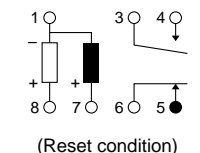
Schematic (BOTTOM VIEW)

Single side stable



(Deenergized condition)

2 coil latching type



(Reset condition)

Since this is a polarized relay, the connection to the coil should be done according to the above schematic.

SAFETY STANDARDS

Item	UL/C-UL (Recognized)		CSA (Certified)		TÜV (Certified)	
	File No.	Contact rating	File No.	Contact rating	File No.	Rating
1 Form A	E43028	10A 250V AC 1/3HP 125, 250V AC 10A 30V DC	LR26550 etc.	10A 250V AC 1/3HP 125, 250V AC 10A 30V DC	B 04 06 13461 038	10A 250V AC (cosφ=1.0) 10A 30V DC (0ms)
1 Form A 1 Form B	E43028	8A 250V AC 1/4HP 125, 250V AC 8A 30V DC	LR26550 etc.	8A 250V AC 1/4HP 125, 250V AC 8A 30V DC	B 04 06 13461 038	8A 250V AC (cosφ=1.0) 8A 30V DC (0ms)

NOTES

1. Soldering should be done under the following conditions:

250°C 482°F within 10s

300°C 572°F within 5s

350°C 662°F within 3s

Soldering depth: 2/3 terminal pitch

2. External magnetic field

Since DY relays are highly sensitive polarized relays, their characteristics will be affected by a strong external magnetic field. Avoid using the relay under that condition.

3. When using, please be aware that the A contact and B contact sides of 1 Form A and 1 Form B types may go on simultaneously at operate time and release time.

For Cautions for Use.