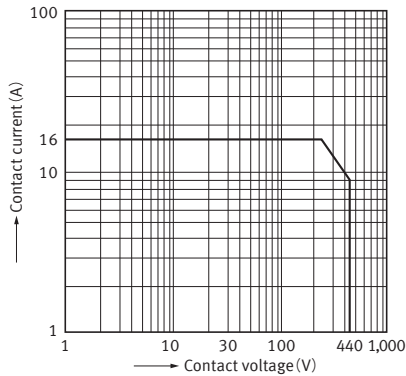


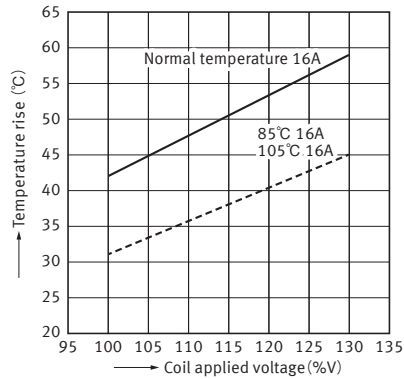
REFERENCE DATA

1. Max. switching capacity (AC resistive load)



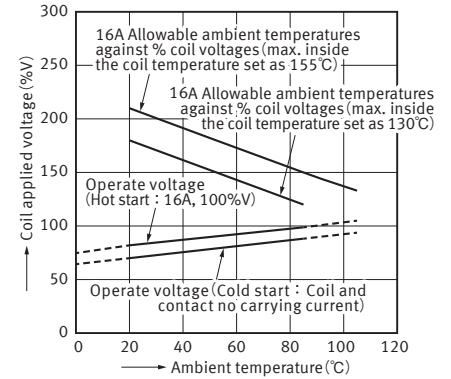
2. Coil temperature rise (Ave.)

Tested sample : ALZN1F12, 6 pcs.
 Measured portion : Coil inside
 Contact current : 16A
 Ambient temperature : Normal temperature, 85°C, 105°C



3. Ambient temperature characteristics (Ave.)

Tested sample : ALZN1F12, 6 pcs.
 Measured portion : Coil inside
 Contact carrying current : 0A, 16A



DIMENSIONS (mm)

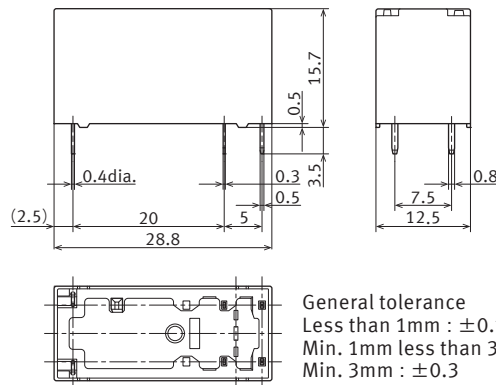
CAD The CAD data of the products with a "CAD" mark can be downloaded from our Website.

1 Form A type

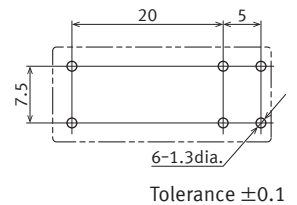
CAD



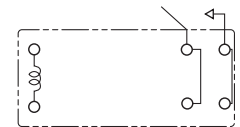
External dimensions



PC board pattern



Schematic (Bottom view)



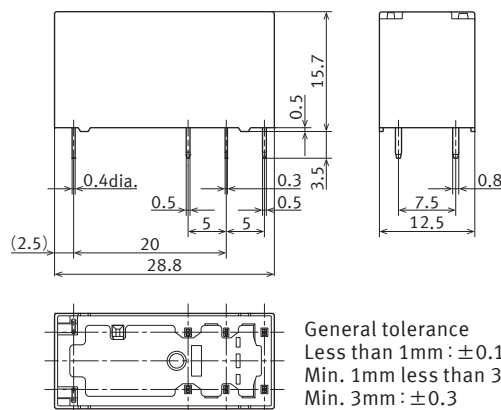
General tolerance
 Less than 1mm : ±0.1
 Min. 1mm less than 3mm : ±0.2
 Min. 3mm : ±0.3

2. 1 Form C type

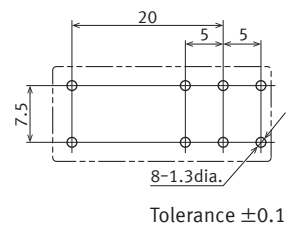
CAD



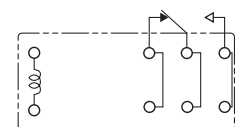
External dimensions



PC board pattern



Schematic (Bottom view)



General tolerance
 Less than 1mm : ±0.1
 Min. 1mm less than 3mm : ±0.2
 Min. 3mm : ±0.3

SAFETY STANDARDS■ **UL/C-UL (Recognized)**

1 Form A Class B Insulation

File No.	Contact	Contact rating	Cycles	Temperature
E43149	N.O.	16A 277V AC Resistive	10 ⁵	85°C

1 Form A Class F Insulation

File No.	Contact	Contact rating	Cycles	Temperature
E43149	N.O.	25A 277V AC Resistive (Carry only)	10 ⁵	105°C
		17A 277V AC Resistive	10 ⁵	105°C
		16A 277V AC Resistive	10 ⁵	85°C
		16A 277V AC Resistive	3 × 10 ⁴	105°C

■ **CSA (Certified)**

CSA standard certified by C-UL

■ **VDE (Certified)**

Class B Insulation

File No.	Contact	Contact rating	Cycles	Temperature
40047387	N.O.	16A 250V AC (cosφ=1.0)	10 ⁵	25°C
		16A 250V AC (cosφ=1.0)	5 × 10 ⁴	85°C
		13A 250V AC (cosφ=1.0)	10 ⁵	85°C
	N.C.	16A 250V AC (cosφ=1.0)	10 ⁴	25°C

Class F Insulation

File No.	Contact	Contact rating	Cycles	Temperature
40047387	N.O.	16A 250V AC (cosφ=1.0)	10 ⁵	25°C
		16A 250V AC (cosφ=1.0)	5 × 10 ⁴	85°C
		16A 250V AC (cosφ=1.0)	3 × 10 ⁴	105°C
		13A 250V AC (cosφ=1.0)	10 ⁵	85°C
		10A 250V AC (cosφ=1.0)	10 ⁵	105°C
	N.C.	16A 250V AC (cosφ=1.0)	10 ⁴	25°C

1 Form C Class B Insulation

File No.	Contact	Contact rating	Cycles	Temperature
E43149	N.O.	16A 277V AC Resistive	10 ⁵	85°C
	N.C.	16A 277V AC Resistive	10 ⁴	40°C
		16A 277V AC Resistive	6 × 10 ³	85°C

1 Form C Class F Insulation

File No.	Contact	Contact rating	Cycles	Temperature
E43149	N.O.	16A 277V AC Resistive	10 ⁵	85°C
		16A 277V AC Resistive	3 × 10 ⁴	105°C
		13A 277V AC Resistive	10 ⁵	85°C
		10A 277V AC Resistive	10 ⁵	105°C
		16A 277V AC Resistive	10 ⁴	40°C
	N.C.	16A 277V AC Resistive	6 × 10 ³	85°C
		16A 277V AC Resistive (Carry only)	10 ⁵	105°C

■ **TV rating**

1 Form A

File No.	Rating
UL/C-UL: E43149	TV-5

1 Form C (N.O.)

File No.	Rating
UL/C-UL: E43149	TV-5

NOTES

1. For cautions for use, please read "GENERAL APPLICATION GUIDELINES".

Please refer to "the latest product specifications" when designing your product.

- Requests to customers :

<https://industrial.panasonic.com/ac/e/salespolicies/>