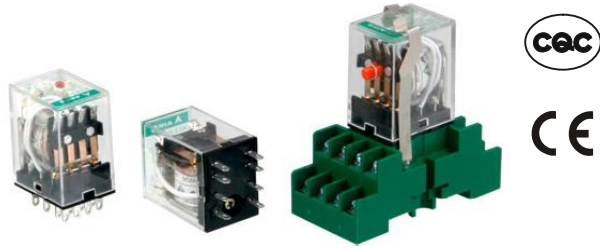


ARM Series

Features

- 5A switching capability (2C,3C,4C type),
- 1.5KV dielectric strength (between coil and contacts)
- Coil voltage:6~380V AC, 6~220VDC
- Mounting type: socket, PCB, flange-mounting



► CONTACT DATA

Contact arrangement	2C	3C	4C
Contact Resistance	50m Ω (1A 24 VDC)		
Contact material	AgCdO		
	5A 28VDC 5A 240VAC	5A 28VDC 5A 240VAC	3A 28VDC 3A 240VAC
Max.switching power	1200VA/140W	1200VA/140W	720VA/84W
Max.switching voltage	30VDC/286VAC		
Max.switching current	5A	5A	3A
Mechanical endurance	1 \times 10 ⁷ OPS		
Electrical endurance	1 \times 10 ⁵ OPS		

► CHARACTERISTICS

Insulation resistance	500M Ω (500VDC)	
Dielectric strenght	Between coil & contacts	1500VAC 1 min
	Between open contacts	1000VAC 1min
Operate time(at nomi.volt)	25ms max.	
Release time(at nomi.volt)	25ms max.	
Shock resistance	Functional	98m/s ²
	Destructive	980m/s ²
Vibration resistance	10Hz ~55Hz 1.5mm DA	
Humidity	98% RH,40 $^{\circ}$ C	
Ambient temperature	-40 $^{\circ}$ C ~70 $^{\circ}$ C	
Termination	PCB、 Plug	
Unit weight	Approx.33g	
Construction	Dust protected	

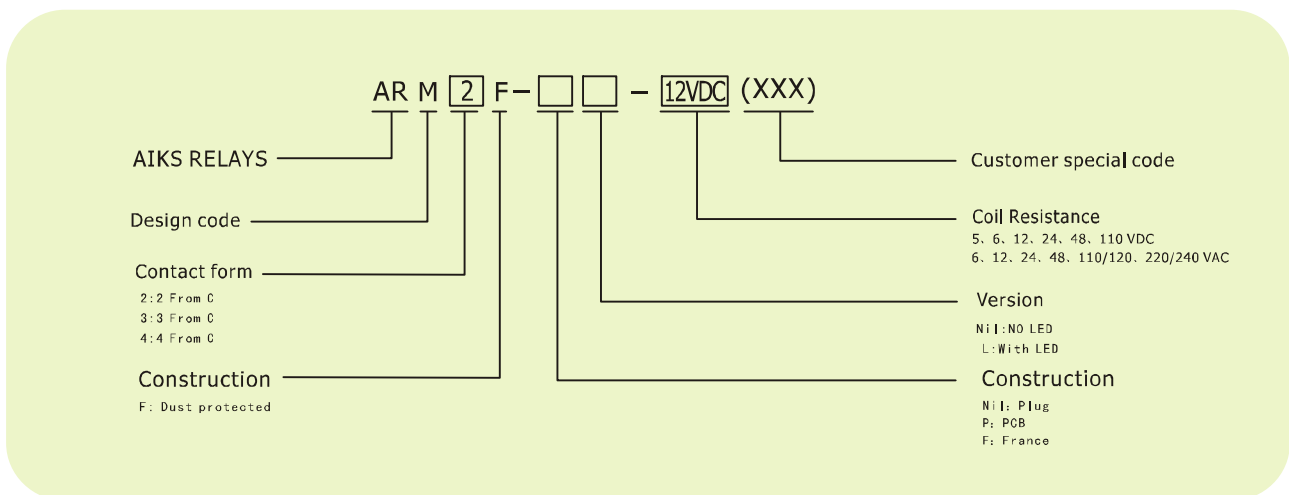
► COIL DATA

Coil power	VDC: 0.9~1.1W; VAC: 1.2~1.8VA
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Nominal Voltage VDC	Pick-up Voltage VDC	Drop-out Voltage VDC	Max.Allowable Voltage VDC at 85°C	Coil Resistance Ω
5	4.0	0.50	5.5	27.5 × (1 ± 10%)
6	4.8	0.60	6.6	40 × (1 ± 10%)
12	9.6	1.20	13.2	160 × (1 ± 10%)
24	19.2	2.40	26.4	650 × (1 ± 10%)
48	38.4	4.80	52.8	2600 × (1 ± 15%)
110	88.0	11.0	121	11000 × (1 ± 15%)

Nominal Voltage VDC	Pick-up Voltage VDC	Drop-out Voltage VDC	Max.Allowable Voltage VDC at 85°C	Coil Resistance Ω
6	4.80	1.80	6.6	11.5 × (1 ± 10%)
12	9.60	3.60	13.2	46 × (1 ± 10%)
24	19.2	7.20	26.4	184 × (1 ± 10%)
48	38.4	14.4	52.8	735 × (1 ± 10%)
110	96.0	36.0	132	4550 × (1 ± 15%)
220	176.0	72.0	264	14200 × (1 ± 15%)

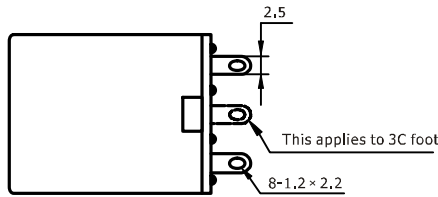
► 型号注释



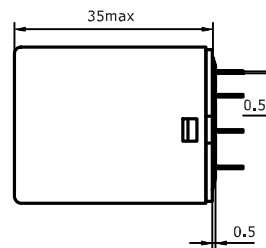
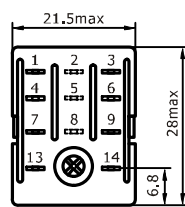
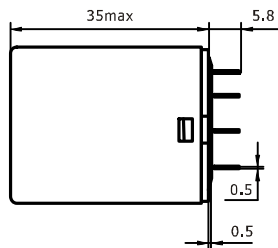
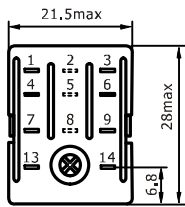
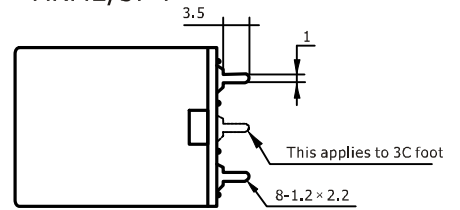
▶ OUTLINE DIMENSIONS, WIRING DIAGRAM AND PC BOARD LAYOUT Unit: mm

Outline dimensions

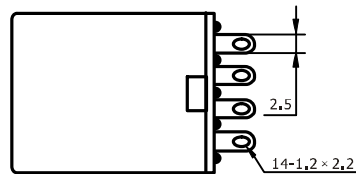
ARM2/3F



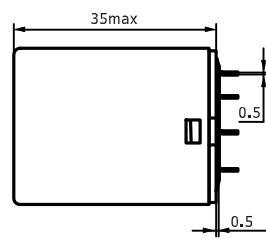
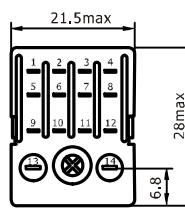
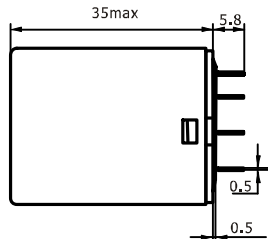
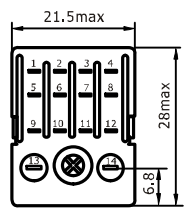
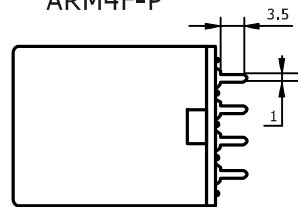
ARM2/3F-P



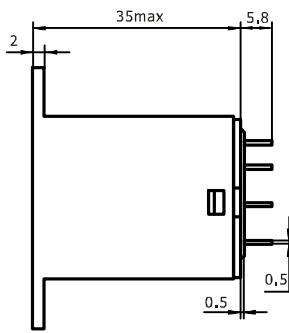
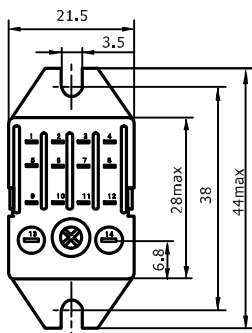
ARM4F



ARM4F-P



ARM□F-F

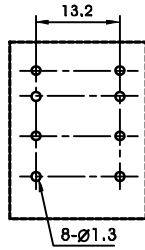


Remark: 1) In case of no tolerance shown in outline dimension: outline dimension ≤ 1 mm, tolerance should be ± 0.2 mm; outline dimension > 1 mm and ≤ 5 mm, tolerance should be ± 0.3 mm; outline dimension > 5 mm, tolerance should be ± 0.4 mm
2) The tolerance without indicating for PCB layout is always ± 0.1 mm.

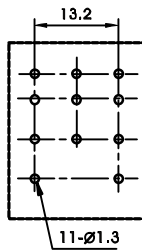
▶ OUTLINE DIMENSIONS, WIRING DIAGRAM AND PC BOARD LAYOUT Unit: mm

Wiring diagram (Bottom view)

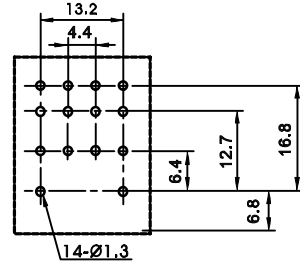
ARM2F-□ □



ARM3F-□ □

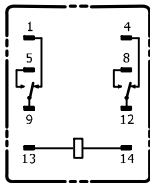


ARM4F-□ □

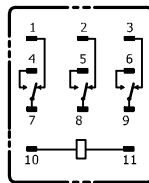


Wiring Diagram (Bottom view)

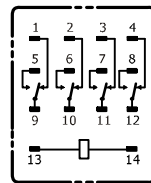
ARM2F-□ □



ARM3F-□ □

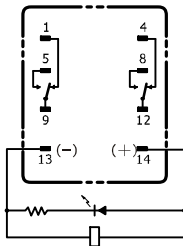


ARM4F-□ □



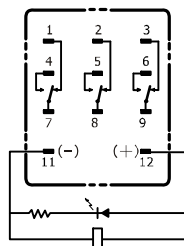
ARM2F-L□

(With LED)



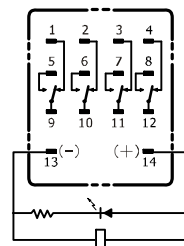
ARM3F-L□

(With LED)



ARM4F-L□

(With LED)



▶ Characteristic curves

