

Contactor relays

Description

- 4-, 6-, 8-pole units
- 44mm wide
- Finger proof design
- DIN rail or screw mountable
- 16A continuous current, Ith
- AC/DC control voltage

Selection

Poles	Composition	Types		Remarks
		AC control	DC control	
4 pole	4NO	GMR-4	GMR-4D	Additional 2NO or 4NO auxiliary contact block can be mounted on these relays
	3NO+1NC			
	2NO+2NC			
	1NO+3NC			
6 pole	6NO	GMR-6	GMR-6D	
	5NO+1NC			
	4NO+2NC			
	3NO+3NC			
8 pole	8NO	GMR-8	GMR-8D	
	7NO+1NC			
	6NO+2NC			
	5NO+3NC			
	4NO+4NC			



GMR-4



GMR-6



GMR-8

Contact ratings

		Rated currents		Making/Breaking currents	
		Inductive load	Resistive load	Inductive load	Resistive load
AC duty	120V	6A	10A	66A	66A
	240V	3A	8A	33A	33A
	480V	1.5A	5A	16.5A	16.5A
	600V	2A	5A	13.2A	13.2A
DC duty	125V	1.1A	5A	3.7A	
	250V	0.55A	3A	1.8A	
	440V	0.31A	2.5A	1.4A	
	600V	0.2A	1A	0.7A	
Continuous current, Ith		16A			

Performance

Operation cycle			1800 operations/hour	
Endurance	Mechanical lifetime		20 mil. Operations	
	Electrical lifetime	AC15 duty	220V	0.5 mil. operations
			440V	0.5 mil. operations
		AC12 duty	220V	0.25 mil. operations
			440V	0.25 mil. operations
	DC13, 12 duty	24~220V	0.5 mil. operations	

Contactor coil voltage, AC 50/60Hz

50Hz : 24, 42, 48, 100, 110, 220, 240, 380, 400, 415, 440, 500, 550V

60Hz : 24, 48, 110, 120, 208, 220, 240, 277, 380, 440, 480, 600V

Coil voltage, DC

12, 20, 24, 48, 60, 80, 100, 110, 125, 200, 220, 250V

Ordering information

Specify type, contact composition and coil voltage

Example : GMR-4D, 3NO+1NC, DC48V

For more information

Drawings

→ page 200

Diagrams

→ page 188