

# Mini contactors

## Contactors relays

### Description

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

### Selection



Poles	Composition	Types		Remarks
		AC control	DC control	
<b>4 pole</b>	<b>4NO 3NO+1NC 2NO+2NC 1NO+3NC 4NC</b>	GMR-4M	GMR-4MD	Additional 2NO or 4NO auxiliary contact block can be mounted on these relays.
<b>6 pole</b>	<b>6NO 5NO+1NC 4NO+2NC 3NO+3NC 2NO+4NC</b>	GMR-6M	GMR-6MD	GMR-4M + AU-2M
<b>8 pole</b>	<b>8NO 7NO+1NC 6NO+2NC 5NO+3NC 4NO+4NC</b>	GMR-8M	GMR-8MD	GMR-4M + AU-4M

### Contact ratings

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

### Coil voltage, AC 50/60Hz

24, 36, 42, 48, 110, 115, 120, 127, 200 / 208, 220, 220 / 230, 230 / 240, 256, 277, 380 / 400, 400, 440, 480, 500, 550V AC

### Coil voltage, DC

See 22 page

### Certificate

CE, ULcUL

### Ordering information

... Specify type, contact composition and coil voltage

### For more information

Drawings

→ page 160

Coil characteristics

→ page 22, 24