

# Mini contactors

## Contactors relays

### Description

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

### Selection



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

### 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	1.2A	5A	13.2A	13.2A
DC duty	125V	0.55A	5A	3.7A	
	250V	0.27A	3A	1.8A	
	440V	0.31A	2.5A	1.4A	
	600V	0.1A	1A	0.7A	
Continuous current, Ith		10A			

Note] Minimum voltage/current is 24V DC 10mA

### 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 24 page

#### Ordering information

... Specify type, contact composition and coil voltage

#### For more information

Drawings → page 196  
Coil characteristics → page 24, 26

**Certificate**  
CE, ULcUL