

## Relays

# SPNO & SPDT General Purpose Switching Relay

## MKR-1 Series

### Specifications

#### Arrangement

SPNO, SPDT, 1 NO & 1 NC

#### Contact Material

Silver Cadmium Oxide Alloy

#### Power Rating

12 FLA 60 LRA  
18 Amps Resistive @ 125 VAC  
8 FLA 48 LRA  
18 Amps Resistive @ 240/277 VAC

#### SPST-NO only

25 Amps Resistive @ 277 VAC

#### Pilot Duty Rating

Dual: .250" QC or #6-32 screw/.250" QC  
3 Amps, 277 VAC  
125 VA @ 125 VAC  
250 VA @ 250 VAC  
277 VA @ 277 VAC

#### Temperature Range

-40°C to +65°C

#### Unit Weight

3 oz

#### Power Pole Terminations

.250" QC

#### Coil Termination

.250" QC

#### Mechanical Life Expectancy

1 million operations

#### Electrical Life Expectancy

250,000 operations—resistive  
100,000 operations—inductive

#### Nominal Coil Power

DC 2.5 W  
AC 3.90

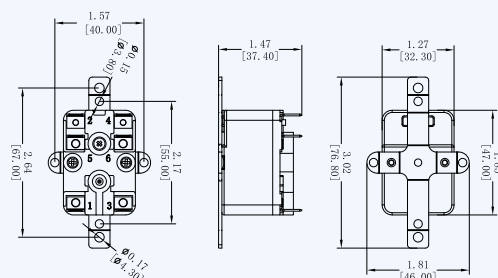


General purpose relays are used in applications including HVAC systems and standby power supplies also used for switching single or two speed motors, solenoids and resistive loads.

### Features

- SPNO, SPDT, 1 NO & 1 NC switching options
- Class B insulation system
- .250" QC terminals
- Can be mounted in different positions
- UL 508 compliant

#### Dimensions (inches [mm])





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## MKR-1 Series

### Nomenclature

MKR	-	1	1X	Q	0	B	000
Series	Packaging	Relay Type	Pole Form	Coil Voltage	Contact Rating	Mounting	Customer Identification
Mek-Tronics Relay	(-) Factory Bulk Box (Y) Individual Pack Box	1	1X SPNO 1C SPDT 1Z 1 NO & 1 NC	Q 24 VAC T 120 VAC U 208/240 VAC V 277 VAC	0 Power Duty Rating 1 Pilot Duty	B 2.156 mrg. ctr. A 2.625 mrg. ctr.	000-900 Optional Customer Number assigned by MeK-Tronics

### Coil Voltage Characteristics

Coil Letter	Nominal Coil Voltage VAC	Pick Up Voltage VAC	Drop Out Voltage VAC	Maximum Coil Voltage VAC	Nominal Coil Resistance Ohms	Sealed VA (maximum)	Inrush VA
Q	24	20.4	4.8	26.4	77	4	5
T	120	102	24	132	1,800	4	5
U	208/240	176	48	264	7,000	4	5