

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

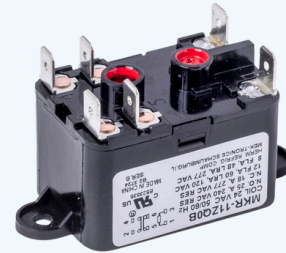
1 million operations

Electrical Life Expectancy

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

Nominal Coil Power

DC 2.5 W
AC 3.90

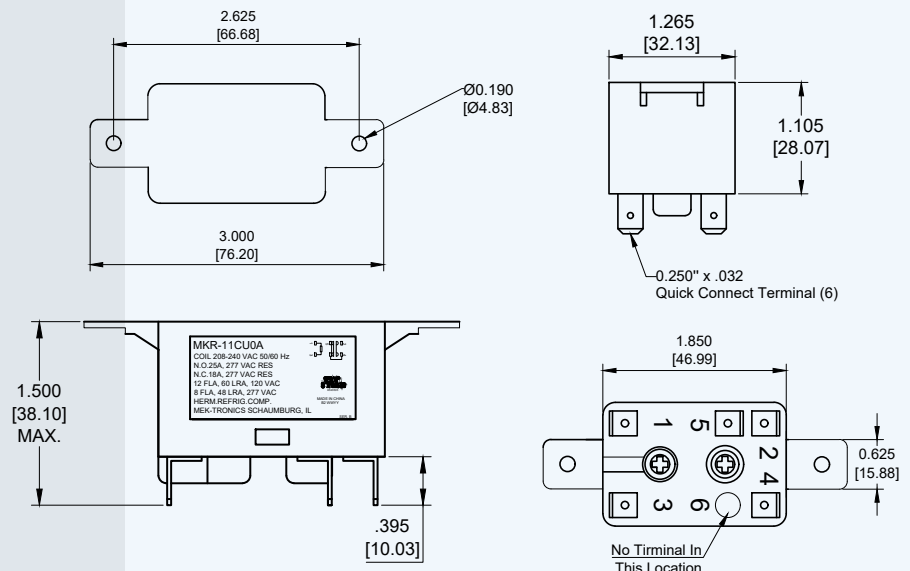


General purpose relays are used in applications including HVAC systems and standby power supplies also used for switching single or two speed motors, solenoids and resistive loads.

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
- A2L certified

Dimensions (mm)





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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