

KCP series

2 Amp, Enclosed Current Actuated Relay

RoHS Ready

Features

- DC current sensitive relay.
- Enclosed in a clear polycarbonate dust cover.
- Operates on 125mW per movable arm.
- Up to 3 Form C (3PDT) contact arrrangements.
- 8- or 11-pin octal-style plugs.

Contact Data @ +25°C

Arrangements: 1 Form C (SPDT), 2 Form C (DPDT) and 3 Form C (3PDT).
Ratings: 2 amps @ 120VAC, 60 Hz.
Material: Silver.
Expected Life: 15 million operations, mechanical;
100,000 operations, minimum, at rated load.

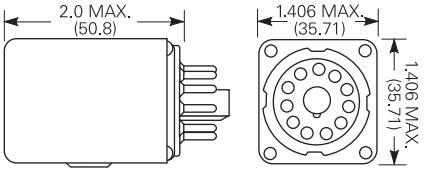
Initial Dielectric Strength

Between Open Contacts: 500V rms.
Between Adjacent Contacts: 500V rms.
Between Contacts and Coil: 500V rms.

Coil Data @ +25°C

Nominal Power: 125mW for 1 Form C (SPDT) models;
250mW for 2 Form C (DPDT) models;
375mW for 3 Form C (3PDT) models.
Maximum Power: 3.0W.
Duty Cycle: Continuous.
Initial Insulation Resistance: 1,000 megohms, minimum.

Outline Dimensions



Note: KCP-14 shown. KCP-5 and KCP-11 have 8-pin bases.

Coil Data

Contact Arrangement	Coil Resistance (Ohms)	Factory Adjustment Pick-up mA DC
1 Form C	2,500 5,000 10,000	7.2 5.0 3.6
2 Form C	2,500 5,000 10,000	10.0 7.2 5.0
3 Form C	2,500 5,000 10,000	12.3 8.7 6.1

Operate Data @ +25°C

Operate Time: 20 milliseconds, excluding bounce.
Release Time: 10 milliseconds, excluding bounce.

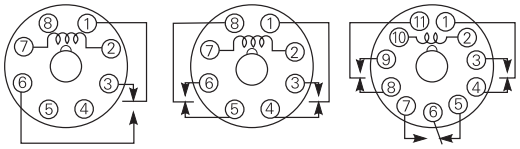
Environmental Data

Operating Temperature Range: -45°C to +70°C.

Mechanical Data

Termination: 8- or 11-pin octal-style plug.
Enclosure: Plastic dust cover.
Sockets: Various sockets and accessories are available. Consult your Tyco Electronics authorized distributor or sales engineer for details.
Weight: 2.9 oz. (82.2g) approximately.

Wiring Diagrams (Bottom Views)



KCP-5 KCP-11 KCP-14

Ordering Information

Typical Part Number >	KCP	-11	-5000

1. Type:
KCP = Enclosed, DC current sensitive relay with octal-style plug for socket mounting.

2. Contact Arrangement:
5 = 1 Form C (SPDT) 11 = 2 Form C (DPDT) 14 = 3 Form C (3PDT)

3. Coil Resistance:
2,500 = 2,500 Ohms 5,000 = 5,000 Ohms 10,000 = 10,000 Ohms

Note: All part numbers are RoHS compliant.

Our authorized distributors are more likely to maintain the following item in stock for immediate delivery.

KCP-11-10000

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