



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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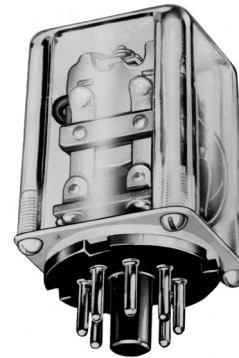
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KCP Series Plug-in Relay

- Enclosed dust cover
- DC current sensitive relay
- 1, 2, and 3 Form C (CO) contact arrangement
- 8 and 11 pin octal style plugs
- Operates on 125mW per movable arm



Contact Data	
Contact arrangement	1 form C (CO), 2 form C (CO), 3 form C (CO)
Rated voltage	120VAC
Rated current	2A
Contact material	Ag
Min. recommended contact load	100mA, 12VDC
Initial contact resistance	100mΩ
Frequency of operation	360 ops./hour
Operate/release time max.	20/10ms

Contact ratings		
Type	Load	Cycles
1, 2 and 3 pole, Ag	2A, 120VAC	100x10 ³ ops.
Mechanical endurance		15x10 ⁶ ops.

Coil Data	
Coil current range	3.6mA to 12.3mA (DC only)

Coil versions, DC Coil			
Coil code	Operate current mADC	Coil resistance Ω±10%	Rated coil power mW

Coil versions, 1 pole			
2,500	7.2	2,500	125
5,000	5	5,000	125
10,000	3.6	10,000	125

Coil versions, 2 pole			
2,500	10	2,500	250
5,000	7.2	5,000	250
10,000	5	10,000	250

Coil versions, 3 pole			
2,500	12.3	2,500	375
5,000	8.7	5,000	375
10,000	6.1	10,000	375

All figures are given for coil without preenergization, at ambient temperature +23°C.

Insulation Data	
Initial dielectric strength	
between open contacts	500V _{rms}
between contact and coil	500V _{rms}
between adjacent contacts	500V _{rms}
Initial insulation resistance	
between insulated elements	1,000MΩ

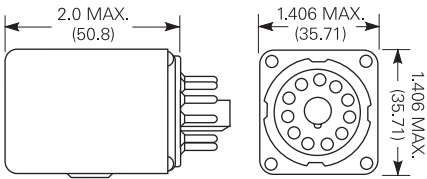
Other Data	
Material compliance: EU RoHS/ELV, China RoHS, REACH, Halogen content refer to the Product Compliance Support Center at www.te.com/customer-support/rohssupportcenter	
Ambient temperature	
DC coil	-45°C to 70°C
AC coil	-45°C to 70°C
Category of environmental protection	
IEC 61810	RT1 - dust protected
Terminal type	8- or 11-pin octal-style plug
Weight	82.2g
Packaging/unit	tray/25 pcs., box/200pcs.

Accessories	
For details see datasheet	Sockets and Accessories, KRP Relays

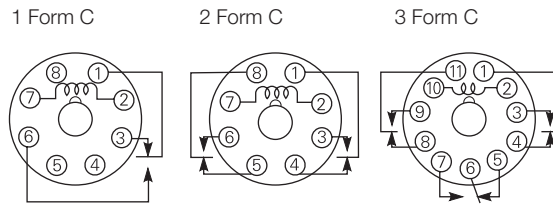
Product Code	Description
27E891	8-pin DIN socket (use 20C318 clip)
27E892	11-pin DIN socket (use 20C318 clip)
27E122	8-pin track mount socket (use 20C318 clip)
27E123	11-pin track mount socket (use 20C318 clip)

KCP Series Plug-in Relay (Continued)

Dimensions



Terminal assignment



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

Product code structure	Typical product code	KCP	-11	-10000
Type	KCP Enclosed, DC current sensitive relay with octal-type plug for socket mounting			
Contact arrangement				
5	1 form C (CO)			
11	2 form C (CO)			
14	3 form C (CO)			
Coil Resistance				
2500	2,500Ω			
5000	5,000Ω			
10000	10,000Ω			

Product Code	Arrangement	Contact Material	Coil Resistance	Terminals	Part Number
KCP-11-10000	2 form C, 2 CO	Ag	10,000	8-pin Octal-style plug	3-1393100-8