

## **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				
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				

Contact	uuiigo	
Туре	Load	Cycles
1, 2 and 3	B pole, Ag	
	2A, 120VAC	100x10 <sup>3</sup> ops.
Mechanica	al endurance	15x10 <sup>6</sup> ops.
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Coil Dat	ta					
Coil curre	nt range	3.	3.6mA to 12.3mA (DC only)			
Coil vers	ions, DC Co	il				
Coil	Operate	Coil	Rated coil			
code	current	resistance	power			
	mADC	Ω±10%	mW			
Coil vers	ions, 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 <sub>rms</sub>
between contact and coil	500V <sub>rms</sub>
between adjacent contacts	500V <sub>rms</sub>
Initial insulation resistance	
between insulated elements	1,000ΜΩ

Other Data			
Material compliance: EU RoHS/ELV, China RoHS, REACH, Halogen content			
refer to the Product Compliance Support Center at			
www.te.com/customersupport/rohssupportcenter			

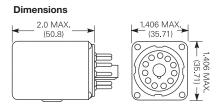
Ambient temperature	
DC coil	-45°C to 70°C
AC coil	-45°C to 70°C

Category of environmental protection		
IEC 61810	RTI - dust protected	
Terminal type	8- or 11-pin octal-style plug	
Weight	82.2g	
Packaging/unit	tray/25 pcs., box/200pcs.	Т

For details see datasheet		Sockets and Accessories, KRP Relays
Product Code	Description	
27E891	8-pin DIN socke	et and 20C318 clip
27E892	11-pin DIN soci	ket and 20C318 clip
27E122	8-pin track mou	unt socket and 20C318 clip
27E123	11-pin track mo	ount socket and 20C318 clip



## KCP Series Plug-in Relay (Continued)



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

## Terminal assignment 1 Form C 2 Form C 3 Form C 1 Form C 2 Form C 3 Form C

## -10000 **Product code structure KCP** -11 Typical product code Туре 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 5,000Ω 5000 10,000Ω 10000

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

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