

### **KBP Series Panel Relay**

- Dual coil latching relay accepts a momentary impulse to one coil to latch and a second impulse to the other coil to release
- Clear polycarbonate dust cover with 11- or 20-pin plug
- 11- or 20-pin octal-style plug connector
- AC and DC coils
- Two, four, and five pole Form C (CO) contact arrangements





Contact Data	2 pole	4 pole	5 pole
Contact arrangement	2 form C (CO)	4 form C (CO) 5	form C (CO)
Rated voltage		120VAC	
Rated current		10A	
Contact material		Ag, AgCdO	
Min. recommended contact load			
Ag contacts	1	00mA, 12VDC	
AgCdO contacts	3	00mA, 12VDC	
Initial contact resistance			
Ag contacts		$100 m\Omega$	
AgCdO contacts		$200 m\Omega$	
Frequency of operation	3	360 ops./hour	

Contact rat	ings		
Туре	Load		Cycles
UL 508			
Ag	5A, 120VAC		$50x10^3$
AgCdO	10A, 120VAC		50x10 <sup>3</sup>
Mechanical e	endurance	500x10 <sup>3</sup> ops.	

Coil Data							
Coil voltage range 12 to 220VDC							
			6 to 240VAC				
Coil vers	sions, DC coil						
Coil	Rated	Operate	Coil	Rated coil			
code	voltage	voltage	resistance	power			
	VDC	VDC	Ω±10%	W			
12	12	9	52	2.8			
24	24	18	230	2.5			
48	48	36	850	2.71			
110	110	82.5	4560	2.65			
-	220	165	Use 110VDC relay	2.42			
			with 5KΩ, 5W				
			resistor in series				

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



Coil	Data	(continued)

Coil vers	sions, AC coil Rated	Operate	Coil	Rated coil
code	voltage	voltage	resistance	power
	VAC	VAC	Ω±15%	VA
2 and 4 p	oole models			
24	24	20.004	42	5.05
120	120	102	1030	5.3
240	240	204	4100	5.3
5 pole m	odels			
24	24	20.4	27	7.8
120	120	102	700	8.2
All figures a	are given for coil wit	thout preenergization,	at ambient temperatur	re +23°C

Insulation Data	
Initial dielectric strength	
between open contacts	500V <sub>rms</sub>
between contact and coil	1000V <sub>rms</sub>
between adjacent contacts	1000V <sub>rms</sub>
Initial insulation resistance	
between insulated elements	100ΜΩ

<b>D</b>	ther	Data	

Material compliance: EU RoHS/ELV, China RoHS, REACH, Halogen content refer to the Product Compliance Support Center at

www.te.com/cus	tornersupport/ronssupportcenter
Ambient temperature	-45°C to 85°C
Category of environmental protection	
IEC 61810	RTI - dust protected and
	RT0 - open style
Terminal type	11- or 20-pin octal-style plug
Weight	306g
Packaging/unit	tray/25 pcs., box/60pcs.

Accessories	j.					
For details see	datasheet	Sockets and Accessories, KBP Relays				
Product Code	Description					
27E892	DIN 11 pin oc	tal socket				
27E123	Track mount 11 pin octal socket					

17 and 20 pin octal socket

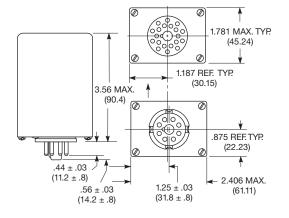
27E928



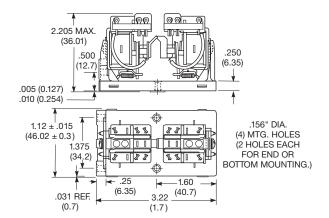
## KBP Series Panel Relay (Continued)

#### **Dimensions**

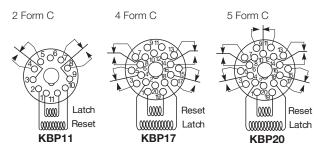
KBP - enclosed



#### KB - open style



#### Terminal assignment



Note: Shown with reset coil energized last.

Product code structure		Typical product code	-KBP	-11	Α	G	-24
Type  KBP Enclosed, dual coil mechanica KB Open, dual coil mechanical la		,					
Contact arrangement 11 2 form C (2CO) 17 4 form C (4CO)	 20	5 form C (5CO)					
Coil input A AC	D	DC			-		
Contact rating Blank 5A, 120VAC (Ag)	G	10A, 120VAC, 80% PF (AgCdO)				•	
Coil voltage  Coil code: please refer to coil versions  Specify the same latch and release co	for s	tandard relays.					

Product Code	Arrangement	Case style	Contact material	Coil	Part Number
KB-17AG-120	4 form C, 4 CO	open	AgCdO	120VAC	1-1393100-2
KB-17DG-12				12VDC	1-1393100-5
KBP-11AG-120	2 form C, 2 CO	enclosed		120VAC	2-1393100-4
KBP-11DG-24				24VDC	2-1393100-6
KBP-11DG-110				110VDC	2-1393100-5
KBP-20AG-120	5 form C, 5 CO			120VAC	3-1393100-4

## 单击下面可查看定价,库存,交付和生命周期等信息

# >>TE Connectivity(泰科)