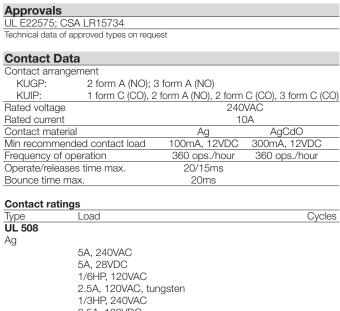


KUIP/KUGP Series Panel Plug-in Relay

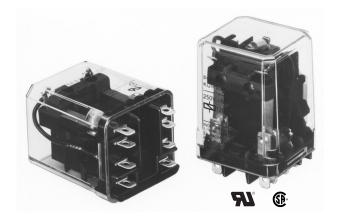
- 10 amp rated relays
- 2 Form A (NO) and 1-3 Form C (CO) contact arrangement
- KUIP 8mm coil-to-contact spacing and KUGP 3mm contact gap
- Various mounting and socket styles

Typical applications Voltage control units



	1/6HP, 120VAC 2.5A, 120VAC, tungsten 1/3HP, 240VAC		
	0.5A, 120VDC 5FLA, 15LRA, 250VAC		
AgCdO	JI LA, TULNA, ZUVAC		
	10A, 240VAC 10A, 32VDC 5FLA, 15LRA, 250VAC 1/3HP, 120VAC 5A, 120VAC, tungsten 1/2HP, 250VAC 0.5A, 125VDC 10FLA, 40LRA, 125VAC 3A, 600VAC 1/2HP, 480VAC 1/2HP, 600VAC		
Machania	1HP, 480VAC, 3 phase	10v106 one	
iviecnanio	cal endurance	10x10 ⁶ ops.	

Coil Data		
Coil voltage range	6 to 110VDC	
	6 to 240VAC	
Coil insulation system according UL	Class B	



Coil versions, DC coil						
Coil	Rated	Operate	Coil	Rated coil		
code	voltage	voltage	resistance	power		
	VDC	VDC	Ω±10%	W		
KUIP						
5	5	3.75	21	1.2		
6	6	4.5	32.1	1.125		
12	12	9.0	120	1.2		
24	24	18.0	472	1.25		
48	48	36.0	1800	1.3		
110	110	82.5	10000	1.25		
KUGP						
5	5	3.75	14	1.8		
6	6	4.5	20	1.8		
12	12	9.0	80	1.8		
24	24	18.0	320	1.8		
48	48	36.0	1250	1.85		
110	110	82.5	6720	1.8		

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

Coil	Rated	Operate	Coil	Rated coil
code	voltage	voltage	resistance	power
	VAC	VAC	$\Omega \pm 15\%$	VA
KUIP 1	and 2 pole			
6	6	5.1	6	2.0
12	12	10.2	24	2.0
24	24	20.4	85	2.0
120	120	102.0	2250	2.1
240	240	204.0	9110	2.1
KUIP 3	oole, KUGP			
6	6	5.1	4.2	2.8
12	12	10.2	18	2.8
24	24	20.4	72	2.8
120	120	102.0	1700	2.9
240	240	204.0	7200	2.9

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

Insulation Data	KUIP	KUGP		
Initial dielectric strength				
between open contacts	$1200V_{rms}$	3500V _{rms}		
between contact and coil	$2200V_{rms}$	$3750V_{rms}$		
between adjacent contacts	2200V _{rms}	3750V _{rms}		
Initial insulation resistance				
between insulated elements 100MΩ, 500VD				



KUIP/KUGP Series Panel Plug-in Relay (Continued)

Material compliance: EU RoHS/ELV, China RoHS, REACH, Halogen content					
duct Compliance Support Center at					
ustomersupport/rohssupportcenter					
KUIP: -45°C to 95°C					
KUGP: -45°C to 75°C (1 & 2 pole)					
KUIP: -45°C to 70°C					
KUGP: -45°C to 70°C (1 & 2 pole)					
Category of environmental protection					
IEC 61810 RTI - dust protected					
Quick connects (QC) .187					
PCB-THT					

25 lbs for 3s

85g

tray/25 pcs., box/150pcs.

Accessories				
For details see datasheet		Sockets and Accessories, KUP Relays		
Product Code	Description			
27E893	DIN socket (use 20C318 clip)			
27E121	Track mount socket (use 20C314 clips)			
27E043	Chassis mount/so	older eyelet socket (use 20C254 clip)		
27E046	Chassis mount/P	CB socket (use 20C254 clip)		
27E067	Chassis mount/q	uick connect socket (use 20C254 clip)		
27E396	Snap-in/quick co	nnect socket (use 20C254 clip)		

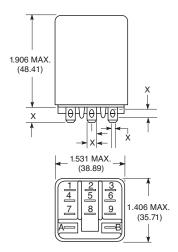
Dimensions

Terminal retention, push force

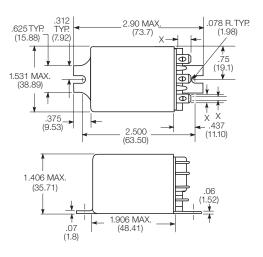
Other Data

Plain case

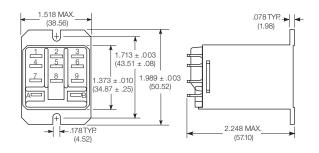
Weight Packaging/unit



Bracket mount case



Top flange case

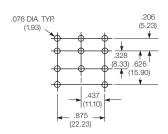


X Is For Terminal Dimensions. See Teminal Drawings.

PCB layout

Bottom view on solder pins

3 Form C shown Omit unncessary holes for other contact forms

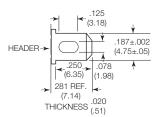




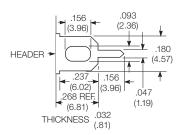
KUIP/KUGP Series Panel Plug-in Relay (Continued)

Terminal dimensions

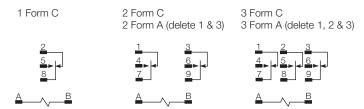
4.75mm (.187) quick connect

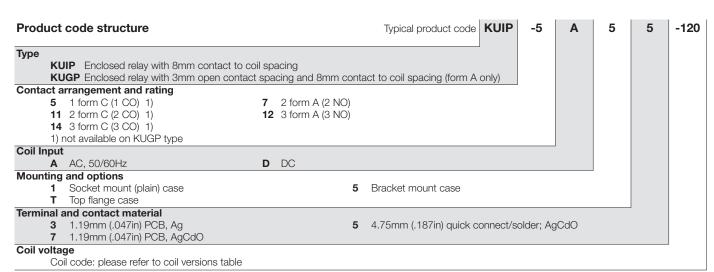


1.19mm (.047) printed circuit



Terminal assignment





Product Code	Arrangement	Material	Coil	Terminals	Mounting	Part Number
KUGP-7D55-24	2 Form A, 2 NO	AgCdO	24 VDC	4.75mm (.187in) QC	Bracket mount case	2-1393114-4
KUIP-5A55-120	1 Form C; 1 CO		120 VAC			2-1393115-0
KUIP-11D55-12	2 Form C; 2 CO		12 VDC			1-1393115-0
KUIP-11D55-24			24 VDC			1-1393115-1
KUIP-14A15-120	3 Form C; 3 CO		120 VAC		Socket mount, plain case	1-1393115-4
KUIP-14D15-12			12 VDC			1-1393115-6
KUIP-14D15-24			24 VDC			1-1393115-7