

KRPA Series Panel Plug-in Relay

- 5 to 10A current capability
- Contact arrangements of 1, 2 and 3 form C (CO)
- Octal type termination for quick installation
- Indicator lamp available on certain models

Typical applications

Baggage handling, lighting, inspection equipment, marine.









Approvals
UL E22575; CSA LR15734
Technical data of approved types on request.

Contact Data			
Contact arrangement 1 form C (CO), 2 form C (CO), 3 form C (
Rated voltage	240VAC		
Rated current	10A		
Contact material	ct material Ag AgCdO		
Min. recommended contact load	100mA, 12VDC	300mA, 12VDC	
Frequency of operation	360 ops./hour	360 ops./hour	

Contact	ratings
Contact	lutiligo

Type	Load		Cycles
UL 508			
KRPA, Ag			
	5A, 120VAC		100x10 ³
	3A, 240VAC		100x10 ³
	1/10HP, 120VAC		1x10 ³
	1/6HP, 240VAC		1x10 ³
KRPA, AgCdO)		
	10A, 240VAC		100x10 ³
	1/3HP, 120VAC		1x10 ³
	1/2HP, 240VAC		1x10 ³
KA, Ag			
	5A, 120VAC		
	3A, 240VAC		
	1/10HP, 120VAC		
	1/6HP, 240VAC		
KA, AgCdO			
	10A, 120VAC		
	6A, 240VAC		
	1/6HP, 120VAC		
	1/3HP, 240VAC		
Mechanical en	durance	10x10 ⁶ ops.	

Coil Da	ata			
Coil volta	age range		6 to 220VDC	
			6 to 240VAC	
Coil insu	lation system ac	cording UL	Class B	
Coil ver	sions, DC coil			
Coil	Rated	Operate	Coil	Rated co

Coll vers	Coll versions, DC coll				
Coil	Rated	Operate	Coil	Rated coil	
code	voltage	voltage	resistance	power	
	VDC	VDC	Ω±10%	W	
6	6	4.5	32	1.15	
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	1.2	
_	220	Use 110V relay v	vith 10KΩ, 5W resi	stor in series	

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

Coil Data (continued)							
Coil versions, AC coil							
Coil	Rated	Operate	Coil	Rated coil			
code	voltage	voltage	resistance	power			
	VAC	VAC	Ω±15%	VA			
6	6	5.1	6	2.01			
12	12	10.2	24	2.02			
24	24	20.4	85	2.02			
120	120	102.0	2250	2.1			
240	240	204.0	9110	2.1			

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

Insulation Data		
Initial dielectric strength		
between open contacts	1000V _{ms}	
between contact and coil	1000V _{ms}	
between adjacent contacts	1000V _{ms}	
Initial insulation resistance	1110	
between insulated elements	KRPA: 1000MΩ	
	KA: 100MΩ	

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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 KRPA: -45°C to 70°C KA: -45°C to 85°C AC coil KRPA: -45°C to 55°C KA: -45°C to 70°C

Category of environmental protection

IEC 61810

RTI - dust protected KRPA and RT0 - open style KA

Terminal type

KRPA: 8- or 11-pin octal-type plug KA: solder terminals

Weight

Packaging/unit

RTI - dust protected KRPA and RT0 - open style KA

KRPA: 8- or 11-pin octal-type plug KA: solder terminals

tray/25 pcs., box/150pcs.

Accessories	
For details see datasheet	Sockets and Accessories, KRPA Relays

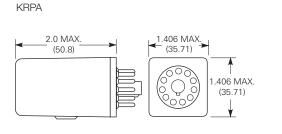
Product Code	Description
27E891	Two pole DIN socket (use 20C318 clip)
27E892	Three pole DIN socket (use 20C318 clip)
27E122	Two pole track mount socket (use 20C318 clip)
27E123	Three pole track mount socket (use 20C318 clip)

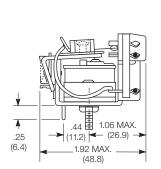


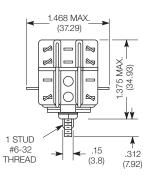
KRPA Series Panel Plug-in Relay (Continued)

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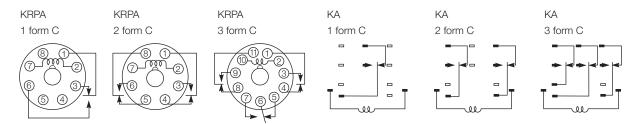
Dimensions

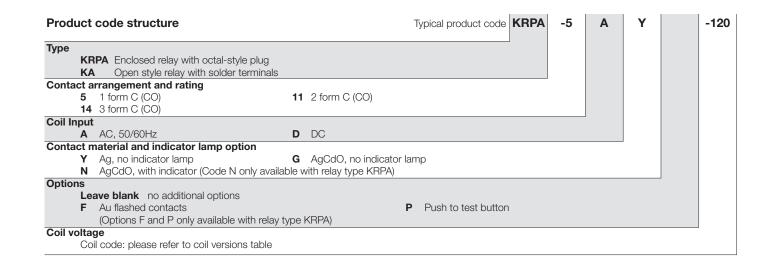






Terminal assignment







KRPA Series Panel Plug-in Relay (Continued)

Product Code	Arrangement	Contact Material	Coil	Option	Part Number
(A-5AG-120	1 form C, 1 CO	AgCdO	120VAC	Open style	7-1393099-1
KA-5AY-120		Ag	CV/DC		7-1393099-3
KA-5DG-6		AgCdO	6VDC 12VDC		7-1393099-9
KA-5DG-12 KA-5DG-110			110VDC		7-1393099-7 7-1393099-6
(A-11AG-120	2 form C, 2 CO		120VAC		3-1393099-6
(A-11AY-6	2 101111 0, 2 00	Ag	6VAC		4-1393099-1
KA-11AY-24		79	24VAC		4-1393099-0
KA-11AY-120			120VAC		3-1393099-9
KA-11DG-12		AgCdO	12VDC		4-1393099-3
KA-11DG-24			24VDC		4-1393099-5
KA-11DG-110			110VDC		4-1393099-2
KA-14AG-120	3 form C, 3 CO		120VAC		5-1393099-0
KA-14AY-120		Ag			5-1393099-4
KA-14DG-24		AgCdO	24VDC		5-1393099-7
KA-14DG-110			110VDC		5-1393099-5
KRPA-5AG-24	1 form C, 1 CO		24VAC	None	9-1393104-9
(RPA-5AG-120			120VAC		9-1393104-8
KRPA-5DG-6			6VDC 12VDC		1393105-5
(RPA-5DG-12 (RPA-5DG-24			24VDC		1393105-3 1393105-4
(RPA-5DY-12		Ag	12VDC		1393105-6
KRPA-5DY-24		79	24VDC		1393105-7
(RPA-11AG-6	2 form C, 2 CO	AgCdO	6VAC	1	2-1393104-8
KRPA-11AG-12		5	12VAC		2-1393104-4
KRPA-11AG-24			24VAC		1-1393105-2
KRPA-11AG-120			120VAC		2-1393104-5
KRPA-11AG-240			240VAC		2-1393104-7
KRPA-11AN-12			12VAC	Indicator	3-1393104-1
KRPA-11AN-24			24VAC		3-1393104-3
KRPA-11AN-120			120VAC		3-1393104-2
KRPA-11AN-240			240VAC		3-1393104-4
KRPA-11AY-6		Ag	6VAC	None	3-1393104-9
KRPA-11AY-12			12VAC		3-1393104-5
KRPA-11AY-24 KRPA-11AY-120			24VAC 120VAC		3-1393104-7
KRPA-11AY-120 KRPA-11AY-240			240VAC	_	3-1393104-6 3-1393104-8
KRPA-11DG-6		AgCdO	6VDC		4-1393104-7
KRPA-11DG-12		7.tg0u0	12VDC		4-1393104-3
KRPA-11DG-24			24VDC		4-1393104-5
KRPA-11DG-48			48VDC		4-1393104-6
KRPA-11DG-110			110VDC		4-1393104-2
KRPA-11DG-125			125VDC		4-1393104-4
KRPA-11DG-24			24VDC		4-1393104-5
KRPA-11DG-48			48VDC		4-1393104-6
(RPA-11DN-12			12VDC	Indicator	5-1393104-0
KRPA-11DN-24			24VDC		5-1393104-1
(RPA-11DN-110		Δ.	110VDC	N.1	4-1393104-9
(RPA-11DY-12		Ag	12VDC	None	5-1393104-6
(RPA-11DY-24	3 form C, 3 CO	A20d0	24VDC 12VAC		5-1393104-7
KRPA-14AG-12 KRPA-14AG-24	3 101111 0, 3 00	AgCdO	24VAC	-	6-1393104-4 6-1393104-7
KRPA-14AG-24 KRPA-14AG-120			120VAC		6-1393104-7
(RPA-14AG-240			240VAC		6-1393104-8
(RPA-14AN-24			24VAC	Indicator	7-1393104-4
(RPA-14AN-120			120VAC		7-1393104-3
(RPA-14AN-240			240VAC		7-1393104-5
(RPA-14AY-24		Ag	24VAC	None	7-1393104-8
(RPA-14AY-120			120VAC		7-1393104-7
(RPA-14AY-240			240VAC		7-1393104-9
KRPA-14DG-12		AgCdO	12VDC		8-1393104-2
KRPA-14DG-24			24VDC		8-1393104-4
KRPA-14DG-48			48VDC		8-1393104-5
(RPA-14DG-110			110VDC		8-1393104-1
(RPA-14DG-125			125VDC	la all t	8-1393104-3
(RPA-14DN-24			24VDC	Indicator	9-1393104-0
KRPA-14DY-24		Ag		None	9-1393104-3

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