

KRP-3_H Series Panel Plug-in Relay

- 20 amp capability
- Contact arrangement of 1 Form X (SPST NO-DM)
- Heavy copper alloy movable contact arms
- Twin silver-cadmium oxide contacts

Typical applications
Automation controls, high current switching



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Approvals	
UL E22575	
Technical data of approved types on request	

Contact Data	
Contact arrangement	1 form X (NO-DM)
Rated voltage	120VAC
Rated current	20A
Contact material	AgCdO
Min. recommended contact load	300mA, 12VDC
Initial contact resistance	200mΩ
Frequency of operation	360 ops./hour
Operate/release time max.	15/10ms

Contacts ra	tings		
Type	Load		Cycles
UL 508			
1 pole, AgCd	IO		
	20A, 120VAC		
	3/4HP, 120VAC		
Mechanical e	endurance	2.5x10 ⁶ ops.	

Coil Da	ata			
Coil volta	age range		6 to 110VDC	
			6 to 240VAC	
Coil ver	sions, DC coil			
Coil	Rated	Operate	Coil	Rated coil
code	voltage	voltage	resistance	power
	1/00	1/00	0 100/	1.4.7

		-		
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

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

Coil	versions, AC	coil
	Dotod	

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	$500V_{rms}$	
between contact and coil	$500V_{rms}$	
between adjacent contacts	$500V_{rms}$	
Initial insulation resistance		
between insulated elements	100MΩ at 500VDC	

Other Data				
Material compliance: EU RoHS/ELV, China RoHS, REACH, Halogen content				
refer ⁻	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 55°C			
Category of environmental	protection			
IEC 61810	RTI - dust protected			
Terminal type	Octal plug			
Weight	57g			
Packaging/unit	tray/25 pcs., box/150pcs.			

Accessories				
For details see	datasheet	Sockets and Accessories, KRP Relays		
Product Code	Description			
27E891	DIN socket and 2	0C203 clip		
27E122	Track mount sock	ket and 20C203 clip		

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Datasheets and product data is subject to the terms of the disclaimer and all chapters of the 'Definitions' section, available at http://relays.te.com/definitions

Datasheets, product data, 'Definitions' section, application notes and all specifications are subject to change.



KRP-3_H Series Panel Plug-in Relay (Continued)

Dimensions 1.531 MAX. (38.89) (35.71) (35.71) (35.71) (35.71) (35.71)

(.79)

Terminal assignment

1 Form X (1NO-DM)



Product code structure		Typical product code	KRP-3	D	Н	-12
Туре			_			
KRP-3 Enclosed panel plug-in relay with 1 Form	n X (1NO-DM) contacts					
Coil Input						
A AC	D DC					
Contact material and rating					'	
H AgCdO, 6.35mm (0.25") dia., rated 20A						
Coil voltage						
Coil code: please refer to coil versions table						

Product Code	Arrangement	Material	Coil	Terminals	Part Number
KRP-3AH-120	1 Form X	AgCdO	120 VAC	Octal plug	1-1393102-1

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