

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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Approva	als		
UL E2257	' 5		
Technical da	ata of approved types on request		
Contact	t Data		
Contact a	rrangement	1 form X (NO-DM)	
Rated volt	tage	120VAC	
Rated cur	rent	20A	
Contact m	naterial	AgCdO	
Min. recor	mmended contact load	300mA, 12VDC	
Initial cont	tact resistance	200mΩ	
Frequency	y of operation	360 ops./hour	
Operate/re	elease time max.	15/10ms	
Contacts	s ratings		
Type	Load		Cycles
UL 508			
1 pole, Ag	gCdO		
	20A, 120VAC		
	3/4HP, 120VAC		
Mechanic	al endurance	2.5x10 ⁶ ops.	

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Coil Data	
Coil voltage range	6 to 110VDC
	6 to 240VAC

Coil vers	sions, DC coil			
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

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

Coil versions, AC coil					
Coil	Rated	Operate			
code	voltage	voltage			
	VAC	VAC			
6	6	5.1			
12	12	10.2			
24	24	20.4			

120

102.0 240 240 204.0 9110 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

between insulated elements	100MΩ at 500VDC
Other Data	
Material compliance: EU RoHS/EL	∴V, China RoHS, REACH, Halogen content
refer to the F	Product Compliance Support Center at
www.te.com	n/customersupport/rohssupportcenter
Ambient temperature	
DC coil	-45°C to 70°C
AC coil	-45°C to 55°C
Category of environmental protect	tion
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 (use 20C203 clip)				
27E122	Track mount socket (use 20C203 clip)				

120

Coil

resistance $\Omega \pm 15\%$

6

24

85

2250

Rated coil power

VA

2.01

2.02

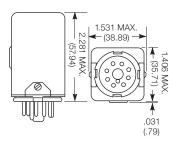
2.02

2.1



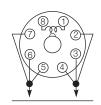
KRP-3_H Series Panel Plug-in Relay (Continued)

Dimensions



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 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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

TE Connectivity:

KRP-3AH-120 KRP-3DH-110 KRP-3DH-12 KRP-3DH-24