

**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

**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 ratings**

Type	Load	Cycles
<b>UL 508</b>		
1 pole, AgCdO		
	20A, 120VAC	
	3/4HP, 120VAC	
Mechanical endurance		2.5x10 <sup>6</sup> ops.

**Coil Data**

Coil voltage range	6 to 110VDC 6 to 240VAC
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**Coil versions, DC coil**

Coil code	Rated voltage VDC	Operate voltage VDC	Coil resistance Ω±10%	Rated coil power 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 code	Rated voltage VAC	Operate voltage VAC	Coil resistance Ω±15%	Rated coil power 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 <sub>rms</sub>
between contact and coil	500V <sub>rms</sub>
between adjacent contacts	500V <sub>rms</sub>
Initial insulation resistance	
between insulated elements	100MΩ at 500VDC

**Other Data**

Material compliance: EU RoHS/ELV, China RoHS, REACH, Halogen content refer to the Product Compliance Support Center at [www.te.com/customer-support/rohssupportcenter](http://www.te.com/customer-support/rohssupportcenter)

Ambient temperature	
DC coil	-45°C to 70°C
AC coil	-45°C to 55°C
Category of environmental protection	
IEC 61810	RT1 - 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)

