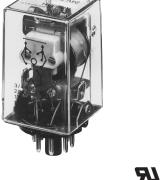


KRP-3_H Series Panel Plug-in Relay

- 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	
UL 508 1 pole, AgCdO				
20A, 120VAC 3/4HP, 120VA				
Mechanical endurance		2.5x10 ⁶ ops.		
Coil Data			_	
Coil voltage range		6 to 110VDC		
		6 to 240VAC		
Coil versions, DC coil				
	Onerate	Coil	Rated 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

COnvers					
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 500Vrms 500Vrms between contact and coil 500Vrms between adjacent contacts 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/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 (use	20C203 clip)		
27E122	Track mount soc	ket (use 20C203 clip)		

Datasheets and product specification according to IEC 61810-1 and to be used only together with the 'Definitions' section.

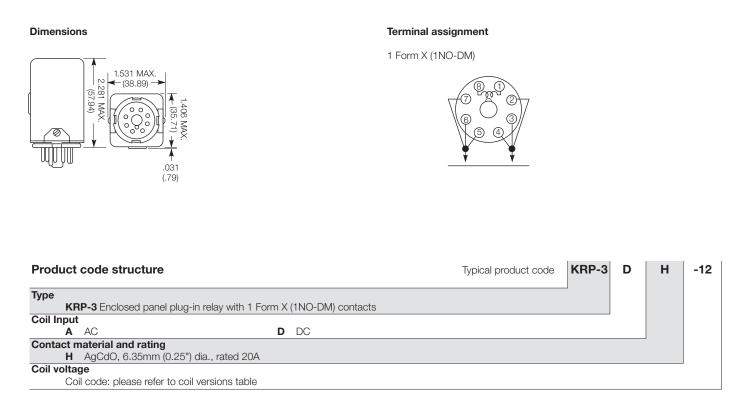
Datasheets and product data is subject to the terms of the disclaimer and all chapters of the 'Definitions' section, available at http://relays.te.com/definitions

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

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



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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