

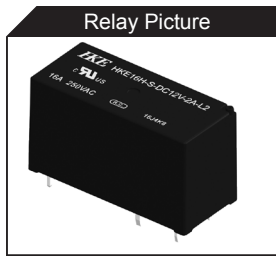


Features

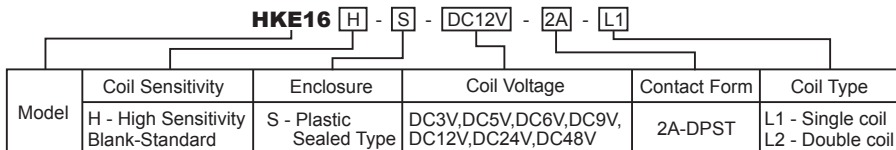
- Outline Dimension: 29.0×12.7×16.0mm
- DPST 16A Magnetic latching relay
- Max.Surge Current 350A/2ms
- Energy-saving and Environmental
- Friendly product(RoHS Compliant)

Safety Approval

NO.E164730



ORDERING INFORMATION



SPECIFICATION

CONTACT DATA

Contact Form	2A-DPST	
Contact Material	Ag Alloy	
Contact Rating	16A 250VAC, 5×10 ⁴ (Res) 20A 250VAC, 2×10 ⁴ (Res) 1.5HP 250VAC, 3×10 ⁴ (HP) 8A 220VAC, cosφ0.4, 3×10 ⁴ 3300W 277VAC, 2×10 ⁴ (Electronic Ballast)	
Contact Resistance	Max.20mΩ(24VDC 1A)	
Load	Max. Switching Voltage	277VAC
	Max. Switching Current	20A
	Max.Continuous Current	20A(23°C, 1h)
	Min. Switching Load	1A 24VDC
Life	Electrical	Refer to "contact load"
	Mechanical	1×10 ⁸ ops(300ops/min)

GENERAL DATA

Insulation Resistance	Min.1000MΩ 500VDC	
Dielectric Strength	Between open contacts	1,000VAC,50/60Hz,1min
	Between coil and contacts	4,000VAC,50/60Hz,1min
Operate Time	Max.15ms	
Reset Time	Max.15ms	
Operating Temperature	-40°C to +85°C	
Humidity	5~85%RH, +40°C	
Shock	Destruction	1,000m/s ²
	Resistance	Functional
Vibration	Destruction	10~55Hz, 1.5mmdouble amplitude
	Resistance	Functional
Weight	Approximately12g	

Note:Data shown are of initial value

COIL DATA

Coil Power for standard type	L1: 0.8W,L2: 1.2W
Coil Power for high sensitivity	L1: 0.6W,L2: 0.8W

SAFETY APPROVAL

File Number	Contact Form	Power Consumption	Coil Voltage	Contact Rating	Remarks
UL E322375	2A	L1: 0.8W,L2: 1.2W	3,5,6,9,12,24,48VDC	16A 250VAC(GP)	Ambient Temperature: 85°C
	2A		3,5,6,9,12,24,48VDC	20A 250VAC(GP)	Ambient Temperature: 85°C
	2A	L1: 0.6W,L2: 0.8W	3,5,6,9,12,24,48VDC	TV-8 125VAC	Ambient Temperature: 40°C
	2A		3,5,6,9,12,24,48VDC	1.5HP 250VAC	Ambient Temperature: 85°C

Specifications subject to change without notice

ISO9001、ISO/TS16949、ISO14001 Approved

COIL DATA

Ambient Temperature: 23°C

Standard

Model	Nominal Voltage VDC	Coil Resistance $\Omega \pm 10\%$	Operate Voltage \leq VDC	Reset Voltage \leq VDC	Coil Power W	Pulse width \geq ms
HKE16-S-DC3V-2A-L1	3	11.3	2.4	2.4	0.8	30
HKE16-S-DC5V-2A-L1	5	31.3	4.0	4.0		
HKE16-S-DC6V-2A-L1	6	45	4.8	4.8		
HKE16-S-DC9V-2A-L1	9	101.3	7.2	7.2		
HKE16-S-DC12V-2A-L1	12	180	9.6	9.6		
HKE16-S-DC24V-2A-L1	24	720	19.2	19.2		
HKE16-S-DC48V-2A-L1	48	2880	38.4	38.4		
HKE16-S-DC3V-2A-L2	3	7.5+7.5	2.4	2.4	1.2	30
HKE16-S-DC5V-2A-L2	5	20.8+20.8	4.0	4.0		
HKE16-S-DC6V-2A-L2	6	30+30	4.8	4.8		
HKE16-S-DC9V-2A-L2	9	67.5+67.5	7.2	7.2		
HKE16-S-DC12V-2A-L2	12	120+120	9.6	9.6		
HKE16-S-DC24V-2A-L2	24	480+480	19.2	19.2		
HKE16-S-DC48V-2A-L2	48	1920+1920	38.4	38.4		

High Sensitivity

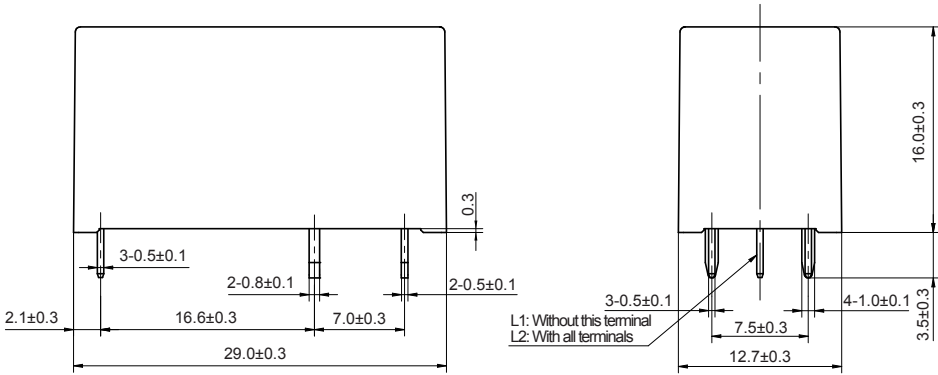
Model	Nominal Voltage VDC	Coil Resistance $\Omega \pm 10\%$	Operate Voltage \leq VDC	Reset Voltage \leq VDC	Coil Power W	Pulse width \geq ms
HKE16H-S-DC3V-2A-L1	3	15	2.4	2.4	0.6	30
HKE16H-S-DC5V-2A-L1	5	42	4.0	4.0		
HKE16H-S-DC6V-2A-L1	6	60	4.8	4.8		
HKE16H-S-DC9V-2A-L1	9	135	7.2	7.2		
HKE16H-S-DC12V-2A-L1	12	240	9.6	9.6		
HKE16H-S-DC24V-2A-L1	24	960	19.2	19.2		
HKE16H-S-DC3V-2A-L2	3	11.3+11.3	2.4	2.4	0.8	30
HKE16H-S-DC5V-2A-L2	5	31.3+31.3	4.0	4.0		
HKE16H-S-DC6V-2A-L2	6	45+45	4.8	4.8		
HKE16H-S-DC9V-2A-L2	9	101.3+101.3	7.2	7.2		
HKE16H-S-DC12V-2A-L2	12	180+180	9.6	9.6		
HKE16H-S-DC24V-2A-L2	24	720+720	19.2	19.2		

HKE16

Magnetic Latching Relay

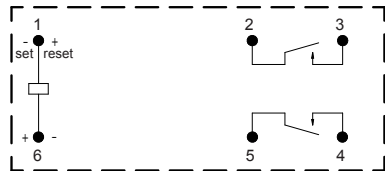
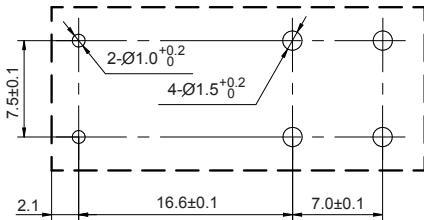
OUTLINE, WIRING DIAGRAM, MOUNTING HOLE LAYOUT (UNIT: mm)

Outline



Mounting Hole for L1
(Bottom View)

Wiring for L1
(Bottom View)



Mounting Hole for L2
(Bottom View)

Wiring for L2
(Bottom View)

