



Industrial & Electrical Components

Slim  
PCB Relay

Part No.  
HHC69A



- 5A/10A/16A 240VAC slim relay
- Compact dimension
- UL/C-UL approved.
- Transparent housing

**CONTACT**

Arrangement	1Z/H/D, 2Z/H/D
Contact Material	Silver Alloy
Contact Resistive	Max.: 100 mΩ
Rating	10A 240VAC/28VDC (1Z/H/D)
Resistive load (cosφ=1)	16A 240VAC/28VDC (1Z/H/D) 5A/240VAC 28VDC (2Z/H/D)
Max. Switching Voltage	240VAC/28VDC
Min. Switching Current	1mA
Expected life	
Mechanical	1×10 <sup>7</sup>
Electrical	1×10 <sup>5</sup>

**CHARACTERISTICS**

Operate Time	20msec. Max.
Release Time	10msec. Max.
Initial breakdown voltage	
Between Coil & Contact	1500VAC (50/60Hz) for 1 min.
Between Open Contacts	1000VAC (50/60Hz) for 1 min.
Insulation Resistance	Min.100MΩ (500 VDC)
Shock: Endurance	10G
Damage	100G
Vibration Endurance	10 to 55Hz, 1.5mm D.A.
Damage	10 to 55Hz, 1.5mm D.A.
Ambient temperature	-55°C ~ +70°C
Unit weight	17g

**ORDERING INFORMATION**

e.g

**HHC69A - 1Z - 12D - 10A**

①                      ②                      ③                      ④

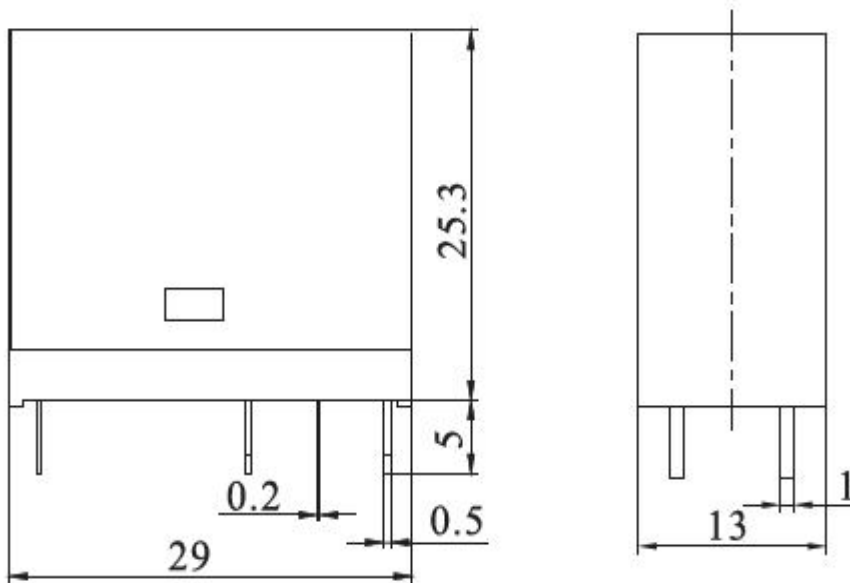
- ① Part No.
- ② Contact arrangement:  
③ 1H=1N/O; 1D=1N/C; 1Z=1C/O  
2H=2N/O; 2D=2N/C; 2Z=2C/O
- ④ Coil Voltage: 12D=12VDC
- ⑤ Contact rating: 10A/16A/5A

**COIL DATA (at 20°C)**

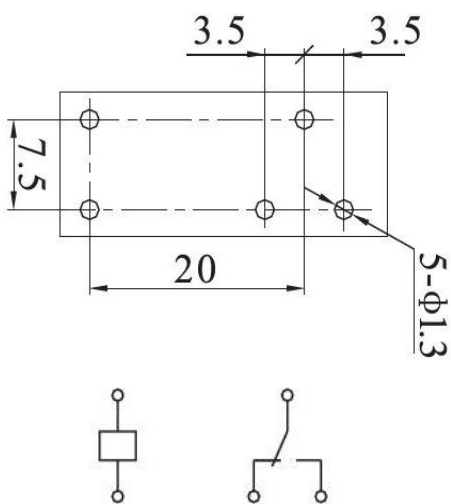
Rated Voltage (VDC)	Pick-up Voltage VDC (Max)	Drop-out Voltage VDC (Min)	Coil Resistance ( $\Omega$ ) $\pm 10\%$	Nominal operating Power (W)	Max.Allowable Voltage (VDC)
3	2.25	0.30	20.00	0.53	130% of nominal voltage
5	3.75	0.50	50.00		
6	4.50	0.60	68.00		
9	6.75	0.90	160.00		
12	9.00	1.20	270.00		
24	18.00	2.40	1080.00		

**DIMENSIONS**

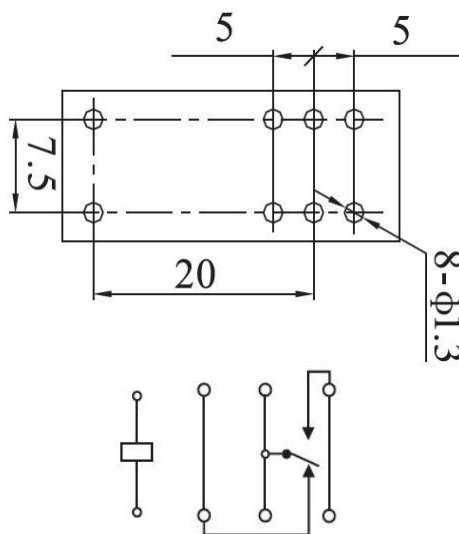
Unit: mm



HHC69A-1Z-10A



HHC69A-1Z-16A



HHC69A-2Z-5A

