

HHC71G - 2

High power industrial relays



- Up to 40A switching capability
- DIN Rail or Screw Mounting
- AC & DC Coils
- Dust Cover as standard
- RoHS Compliant

Contacts

Number and type of contacts	DPST-NO, DPST-NC, DPDT	
Contact Material	AgSnO ₂	
Rated voltage / max. switching voltage	250VAC / 24VDC	
Max. breaking capacity	40A	
Coil		
Rated voltage 50/60Hz	AC	6...220V - See Table 2
	DC	6...110V - See Table 1
Rated power consumption	AC	6.5VA
	DC	2W
Insulation		
Insulation resistance	500MΩ 500VDC	
Dielectric strength		
• between coil and contacts	2500VAC	
• Between contacts	1500VAC	
General Data		
Ambient temperature:	(operating / storage)	-40°C to +70°C
Operating time (typical)	≤ 25ms	
Release time (typical)	≤ 25ms	
Electrical life:	(resistive AC1)	5 x 10 ⁴
Mechanical life (cycles)	1 x 10 ⁶	
Cover protection category	IP20	
Shock resistance	Functional 10G; Destruction 100G	
Vibration resistance	10-55Hz at D.A 1.5mm	
Weight (approx)	≤220g	



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Coil Data

Table 1

Coil Voltage Code	Nominal Voltage	Resistance	Must Operate	Must Release
			Voltage max.	Voltage min.
	VDC	(Ω) \pm 10%	VDC	VDC
1006	6	18	4.50	0.6
1009	9	40.5	6.75	0.9
1012	12	72	9.00	1.2
1024	24	288	18.00	2.4
1048	48	1125	36.00	4.8
1060	60	1800	45.00	6.0
1110	110	6050	82.50	11.00

Coil Data

Table 2

Coil Voltage Code	Nominal Voltage	Resistance	Must Operate	Must Release
			Voltage max.	Voltage min.
	VAC	(Ω) \pm 10%	VAC	VAC
5006	6	11.2	4.80	0.9
5009	9	25	7.2	1.3
5012	12	45	9.6	1.8
5024	24	178	19.0	3.6
5048	48	714	38.4	7.2
5110	110	3750	88.0	16.5
5220	220	15000	176.0	33.00



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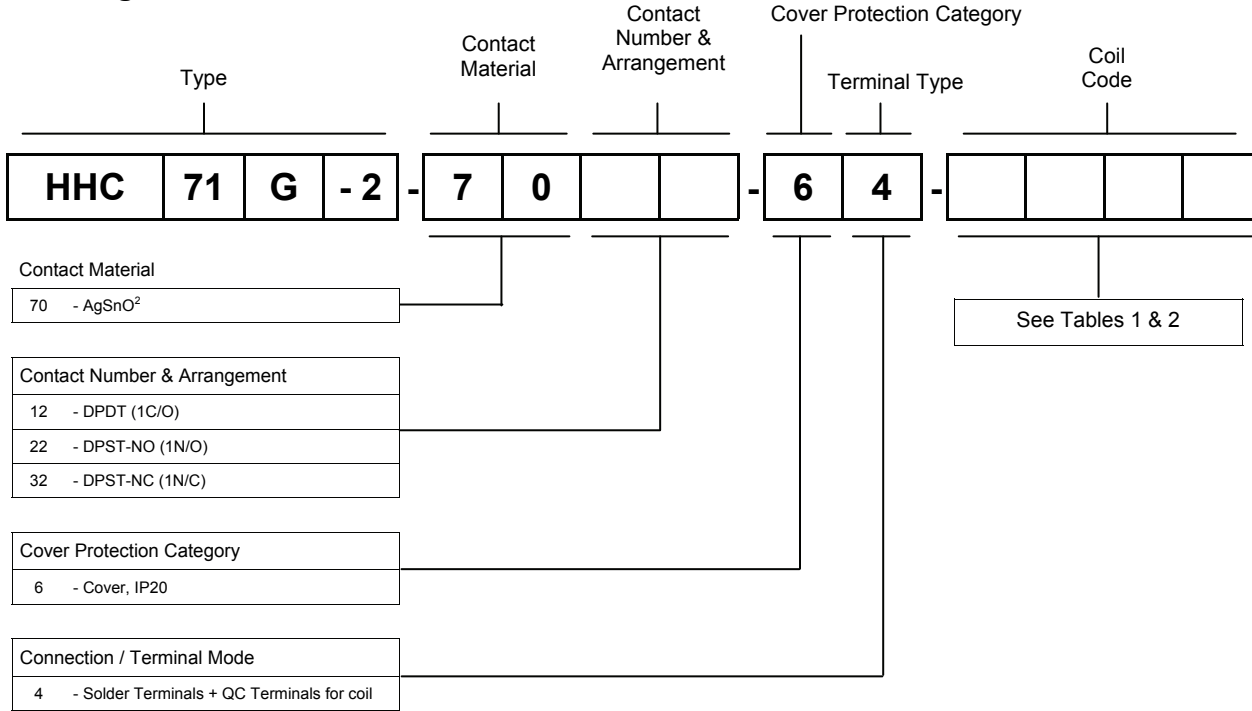
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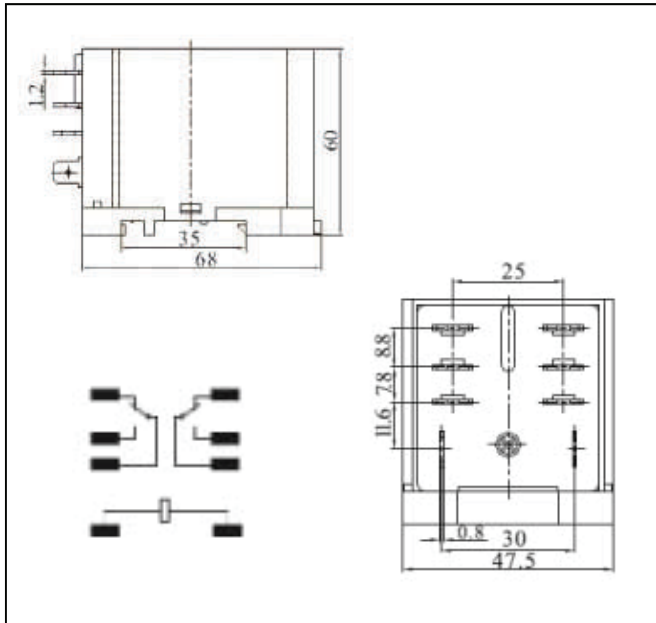


Ordering Codes



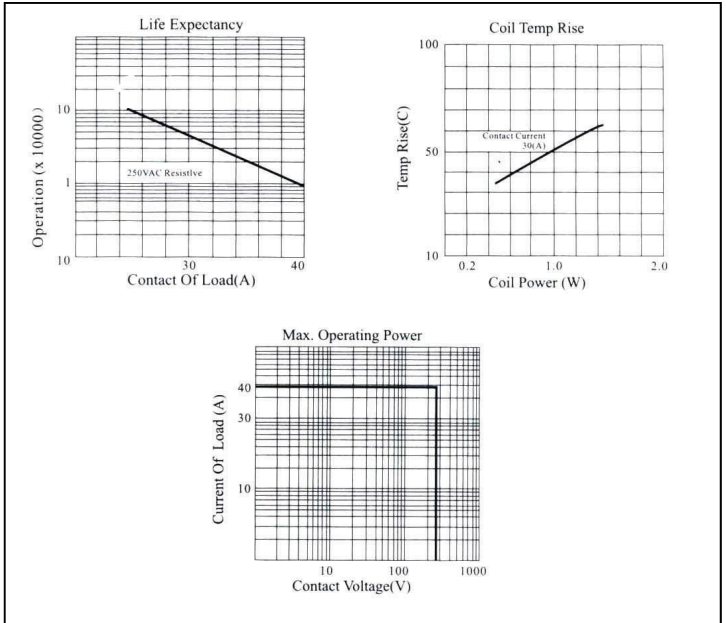
Overall Dimensions

Fig. 1



Reference Graphs

Fig. 2



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