



HJQ-18F(4453)

SPECIFICATION

FILE NUMBER: P-08KD301A

DATE: 2001/11/02



■ Features

2 to 3 pole configurations

Au-clad contact available

■ CONTACT DATA

Contact Form	2C/3C	
Contact Material	AgCdO	
Contact Ratings	5A 240VAC/30VDC	
Max Switching Voltage	250VAC/30VDC	
Max Switching Current	7A	
Max Switching Power	1750VA/210W	
Contact Resistance	100m Ω Max	at 6VDC 1A
Life Expectancy Electrical	100,000	Operations(at30Operations/minute)
Machanical	10,000,000	Operations

■ GENERAL DATA

Insulation Resistance	100M Ω Min at 500VDC	
Dielectric Strength Between Open Contacts	1000VAC(for one minute)	
Between Contacts and coil	1500VAC(for one minute)	
Operate Time	25ms	
Release Time	25ms	
Temperature Range	-40°C to+70 °C	
Shock Resistance	Operating Extremes	20G
	Damage Limits	100G
Vibration Resistancs	10-55Hz,1.5mm	
Humidity	40-85%	
Weight	Approx 32g	
Safety Standard	UL:E173485	

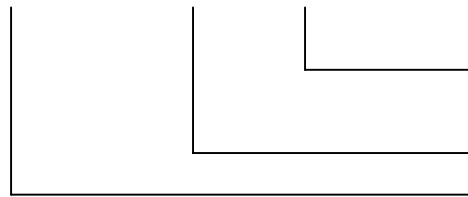


■ COIL DATA(2Z)

Nominal Voltage		Coil Resistance at 20±10%(Ω)		Max Operate Voltage		Min Release Voltage		Max Applicable Voltage	
5-110VDC	6-240VAC	VDC	VAC	VDC	VAC	VDC	VAC	VDC	VAC
		0.9W	1.2VA						
5	6	70	11.5	3.75	4.8	0.5	1.8		
6	12	100	46	4.5	9.6	0.6	3.6		
12	24	360	184	9	19.2	1.2	7.2		
24	48	650	735	18	38.4	2.4	14.4		
48	120	2600	4550±15%	36	96	4.8	36		
	220/240		14400±15%		176		72		

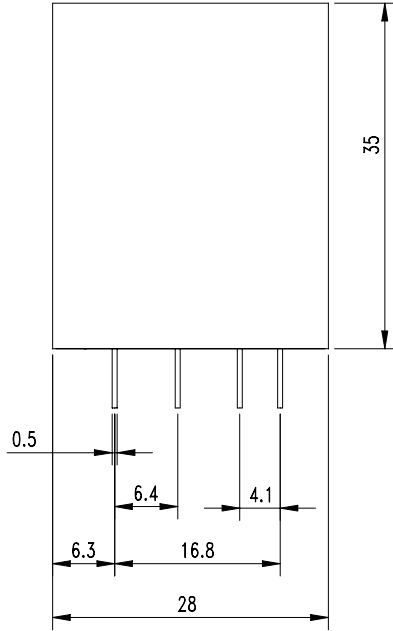
■ ORDERING CODE

HJQ-18F---12VDC--2Z

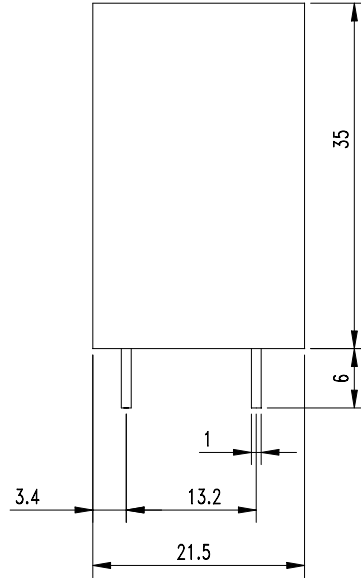


- 2Z Form 2C
- 3Z Form 3C
- Coil Nominal Voltage
- Relay Model

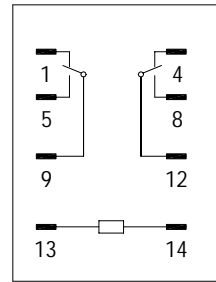
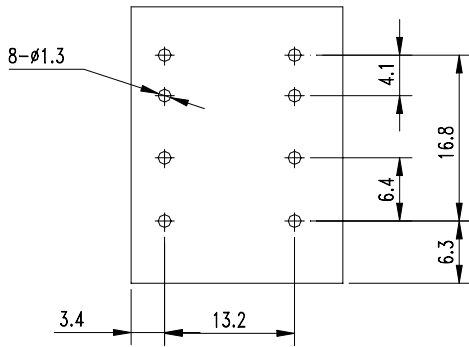
OVERALL AND MOUNTING DIMENSIONS



Dimensions

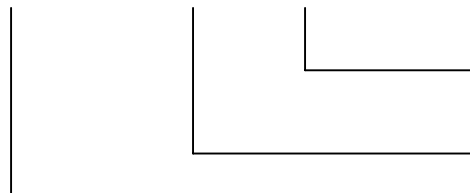


Terminal Arrangement/
Internal Connections
(Bottom view)



ORDERING CODE

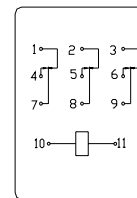
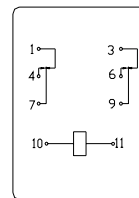
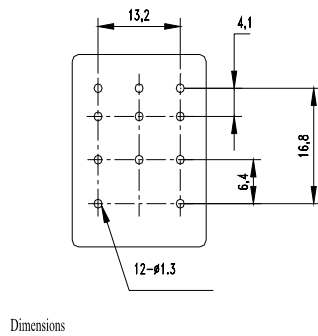
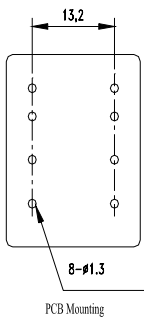
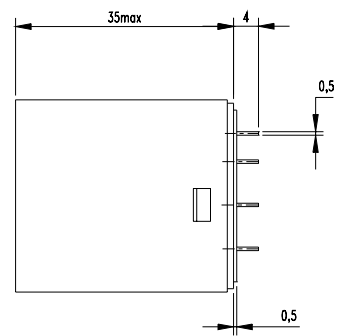
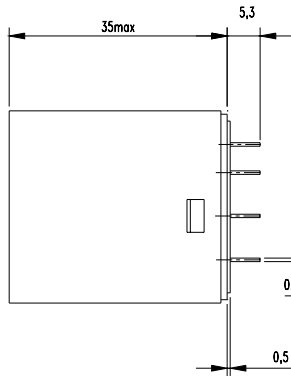
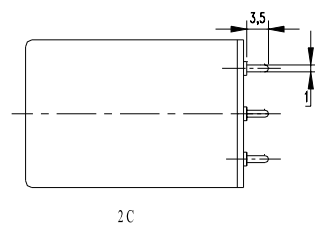
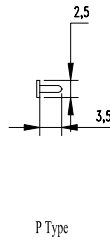
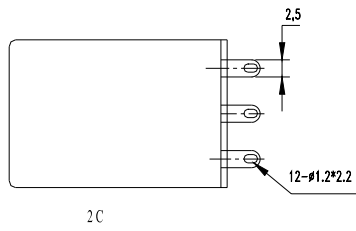
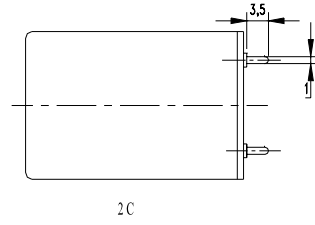
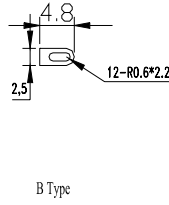
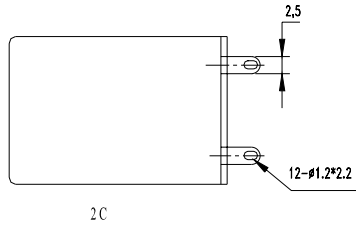
HJQ-18F---12VDC---2Z



2Z Form 2C
3Z Form 3C
Coil Nominal Voltage
Relay Model



OVERALL AND MOUNTING DIMENSIONS



Terminal Arrangement/
Internal Connections
(Bottom view)