

HJQ-22F

- 2 to 3 pole configurations
- Conform to RoHS,ELV directive



28×21.5×35



03001008347



E173485



203664

■ ORDERING CODE

HJQ-22F — <u>2Z</u> (<u>P</u>) — <u>F</u> — <u>D</u> / 12VDC					
1	2	3	4	5	6
1. Relay Model					
2.					
	2Z: Form 2C				
	3Z: Form 3C				
3. P: PCB Type					
	Nil: B Type				
			4. With Flange for 38mm pitch hole		
			5. With LED		
			6. Coil Nominal Voltage		
				5,6,12,24,48,110VDC	
				6,12,24,48,110,120,220/240VAC	

■ COIL DATA at 20℃

COIL DATA								
Nominal Voltage (VDC)	5	6	12	24	48	110/120	220/240	0.9W
Coil Resistance (Ω)	28	40	160	640	2560	11000		
Rated Current (mA)	178.5	150	75	37.5	18.75	10		
Max Operate Voltage (VDC)	3.75	4.5	9	18	36	82.5		
Min Release Voltage (VDC)	0.5	0.6	1.2	2.4	4.8	11		
Nominal Voltage (VAC)		6	12	24	48	110/120	220/240	1.2VA
Coil Resistance (Ω)		11.5	46	184	735	4550	14400	
Max Operate Voltage (VAC)		4.8	9.6	19.2	38.4	88	176	
Min Release Voltage (VAC)		1.2	2.4	4.8	9.6	22	44	
Max Applicable Voltage	70 130%, 23 170%							
5-24VDC/6-48VAC 10%, 48-110VDC/110-240VAC 15%.								

■ CONTACT DATA

Contact Form	2Z/3Z	
Contact Material	Silver Alloy	
Load	Resistive load(COS Φ=1)	
Contact Ratings	7A 240VAC 7A 30VDC	
Minimum load	100mA 5VDC	
Max Switching Voltage	240VAC/30VDC	
Max Switching Current	7A	
Max Switching Power	1680VA/210W	
Contact Resistance	100m Ω Max at 6VDC 1A	
Life Expectancy	Electrical	: 100, 000 Operations(at30Operations/minute)
	Mechanical	: 10, 000, 000 Operations(at300Operations/minute)

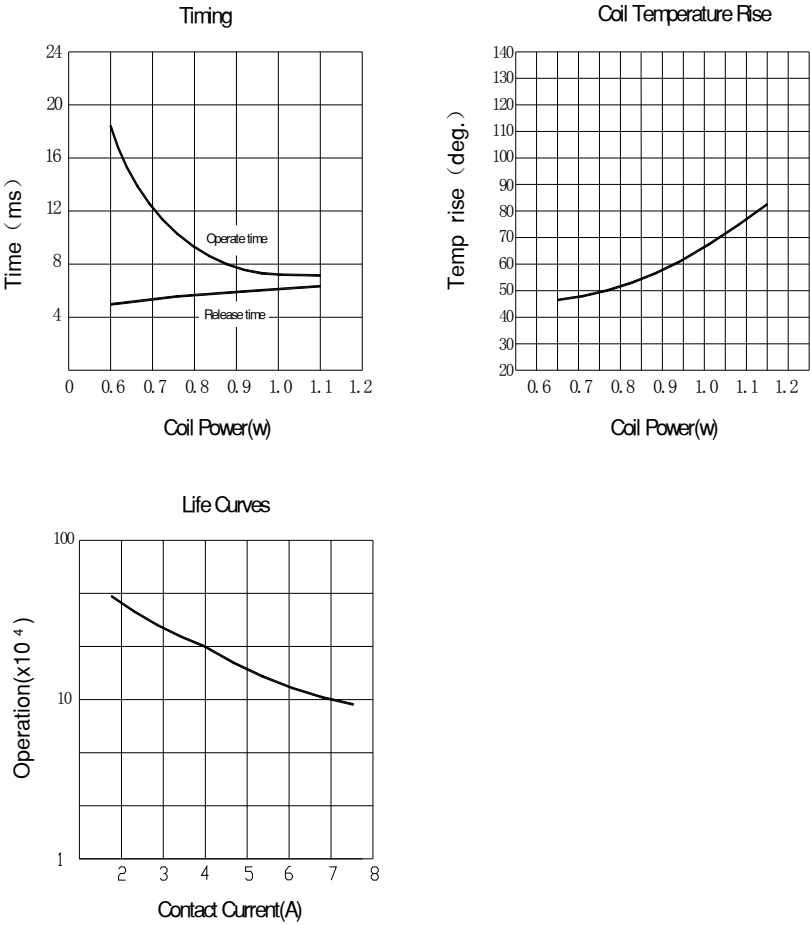
■ CHARACTERISTICS DATA

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℃to+70℃
Shock Resistance	Operating Extremes : 20G
	Damage Limits : 100G
Vibration Resistance	10-55Hz, 1.5mm
Max. switching frequency	Mechanical:18,000operations/hr
	Electrical:1,800operations/hr
Humidity	40-85%
Weight	Approx 35g
Safety Standard	UL cUL CQC CSA

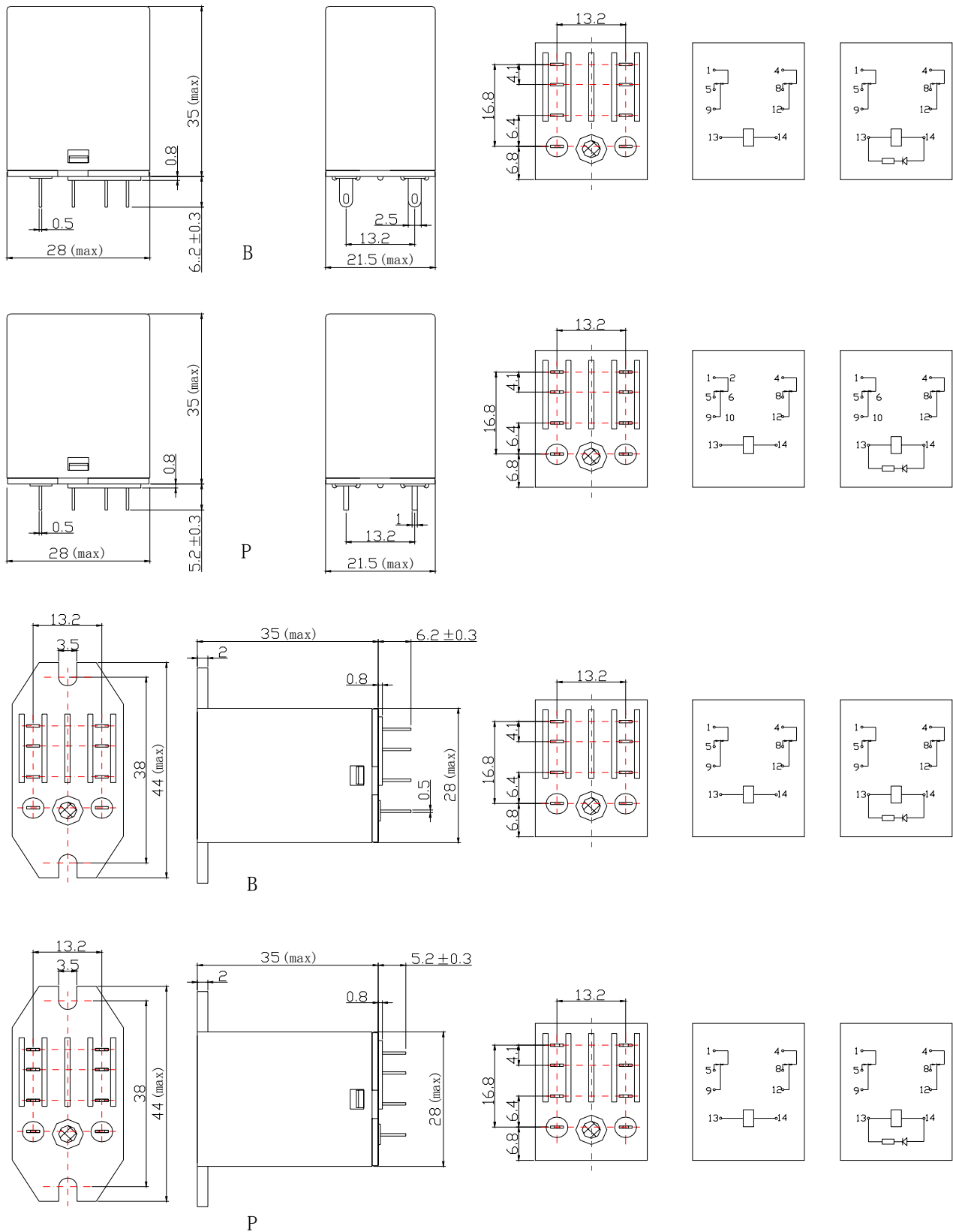
■ APPROVED STANDARDS

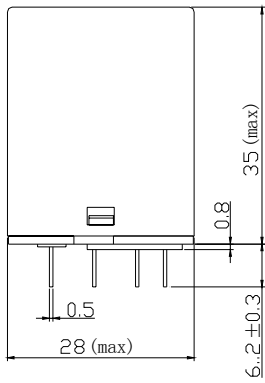
Model	Coiling rating	Safety Standard	Contact rating
HJQ-22F	12 to 110VDC	UL/cUL	7A 240VAC
	24 to 240VAC		7A 30VDC
	5 to 110VDC	CQC	5A 240VAC
	24 to 240VAC		5A 28VDC
	12 to 110VDC	CSA	5A 240VAC
	120 to 240VAC		5A 28VDC

■ ENGINEERING DATA

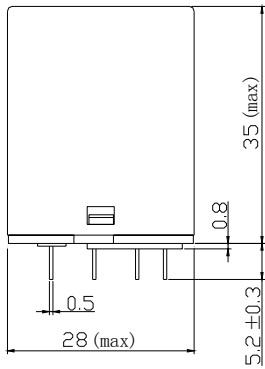
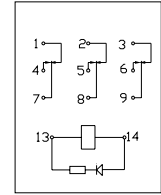
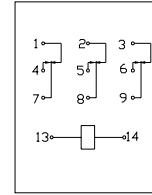
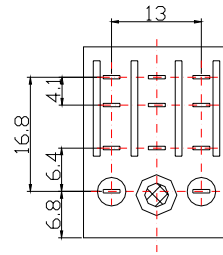
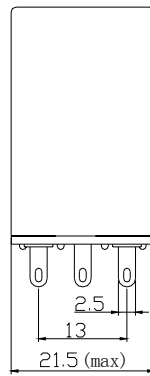


■ OVERALL AND MOUNTING DIMENSIONS

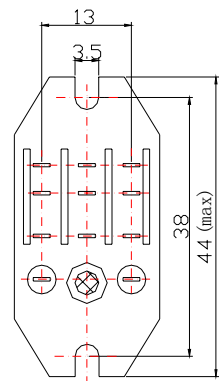
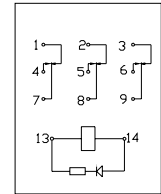
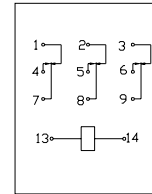
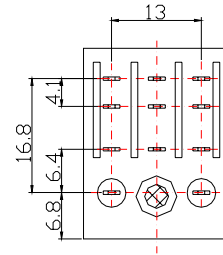
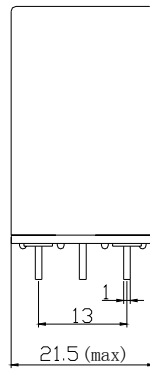




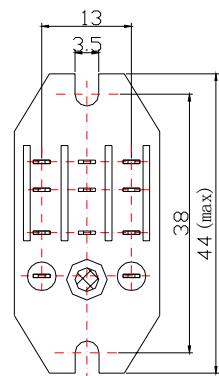
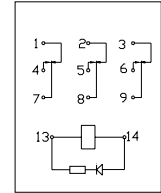
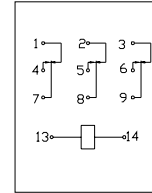
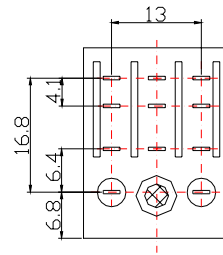
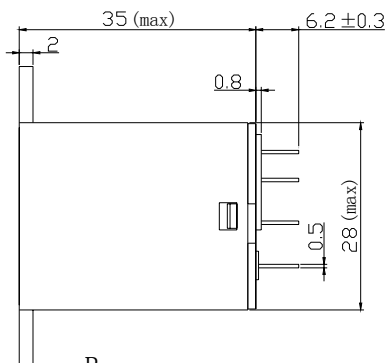
B



P



B



P

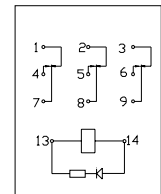
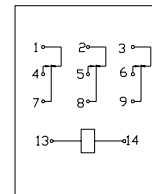
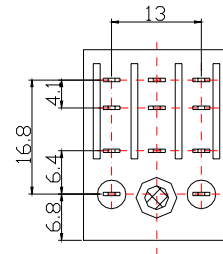
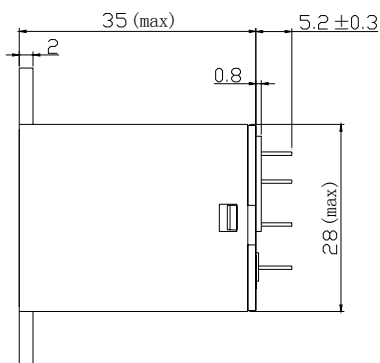


Таблица возможной замены реле

силовые реле

HONGFA	TIANBO	SONGLE	HELISUN	OMRON
HF3FF	HJR-3FF	SRD(T73)	HLS8-T73	G5L
HF10FF-2			HLS-MK2P	MK2
HF10FF-3Z			HLS-MK3P	MK3
HF13F			HLS-13F	
HF18FF	HJQ-22		HLS-4453(18F)-4	MY4
HF21FF	HJR-21FF	SRU(22F)	HLS8-22F	G5L-E
HF32F	TRG1	SRSB	HLS-32F	835/835NL
HF32FA/32FA-T	TRG1	SRSB	HLS-32F	835/835NL
HF32FA-G	TRG1	SRSB	HLS-32F	835/835NL
HF33F	TRG2	SRSC	HLS-33F	G5SB
HF62F	TRA2F	SMIH(14FHA)	HLS-14FK	G5J
HF46F/HF46F-G	TRGB			202/202H
HF49FD				G5J
HF102F	TRAF		HLS-102F	G4A
HF115F	TRC2	SMIH(14FH)	HLS-14F2	G2RL
HF115FP	TRC3	SMIH(14FH)	HLS-14F3	
HF140FF	TRA3		HLS-14F	G2R/G2RG
HF13F	HJQ-13F-2C	SMB(13F)	HLS-13F-2	LY2
HF2100	HJQ-15F-1	SLC(T91)	HLS-T91(16F)-1	G7G
HF105F - 4	HJQ-15F-3	SLCH(T92)		
HF105F-1	HJQ-15F	SLA(T90)	HLS-T90(15F)	G8P
HF2160	HJQ-15F-2	SLI(T93)	HLS-T91(16F)-2	G7G/G8G
HF165FD	HJQ-15F	SLA	HLS-T90(15F)	G8P
JQC-21FF	HJR-21FF	SRD(T73)	HLS8-22F	
HF7FF	HJR-7FF	SRG(4123)	HLS8-T73	
HF141FF	TRA1		HLS-14F1	G2R
HF14FW	TRA2	SMIH(14FH)	HLS-14F2	G2R
HF14FF	TRA1		HLS-14F	G2R
HF36F	TRA4			
HF42F	TRA5			G5PA-2
HF8	TRDH	SRI(T72)	HLS-T72	
HF102F			HLS-102F	G4A
HLS-4453(18F)-2		SMBH(4453)	HLS-4453(18F)-2	MY2
HF18FF-3Z			HLS-4453(18F)-3	MY3

сигнальные реле

HONGFA	TIANBO	SONGLE	HELISUN	OMRON
HFD2	HJR1	SRC	HLS-4078	G5V-2
HFD4				
HFD27	HJR1-2	SRC	HLS-4078	G5V-2
HFD41	HJR4102	SRS		
HF41F			HLS6-4100H-1	G2E
HM4101F	HJR4102E			
HFD23			HLS6-23F	G5V-1

автомобильные реле

HONGFA	TIANBO	SONGLE	HELISUN	OMRON
HFKM, HFKS	TRAW	SLE(4117)	HLS-4117	
HVF6	TRFM			G8HN
HFKP	TRKP	SLB	HLS-4120	G8PE
	TRS			
	TRV3			
HFV4	TRV4	SLD	HLS-CMA3	G8JN
	TRV5			
HFV7	TRV6	SLDH	HLS-CMA3-1	G8JR
HFKW	HJR78F	SRA(T74)	HLS-T78	G8QN
			HLS-4121/4122	
HFV6		SLM	HLS-CMA6	G8H