

HJSZ3 Series Electronic Time Relay

Standard: IEC 60947-5-1

Function

HJSZ3 Series electronic time relay provide

- Rated AC frequency 50Hz & controlling voltage 400V or below.
- Be used as time-control component in the automatic controlling circuit, according to the scheduled time turn on or off the circuit.

Order Information



Relay mode	Rated working voltage	Relay time	Reference
Relay after power-on	120V	A: 0.05-0.5s/5s/30s/3M	HJSZ3AA120
		B: 0.1-1s/10s/60s/6M	HJSZ3AB120
		C: 0.5-5s/50s/5M/30M	HJSZ3AC120
		D: 1-10s/100s/10M/60M	HJSZ3AD120
		E: 6s-60s/10M/60M/6h	HJSZ3AE120
		F: 0.2M-2M/20M/2h/12h	HJSZ3AF120
		G: 0.4M-4M/40M/4h/24h	HJSZ3AG120
	240V	A: 0.05-0.5s/5s/30s/3M	HJSZ3AA240
		B: 0.1-1s/10s/60s/6M	HJSZ3AB240
		C: 0.5-5s/50s/5M/30M	HJSZ3AC240
		D: 1-10s/100s/10M/60M	HJSZ3AD240
		E: 6s-60s/10M/60M/6h	HJSZ3AE240
		F: 0.2M-2M/20M/2h/12h	HJSZ3AF240
		G: 0.4M-4M/40M/4h/24h	HJSZ3AG240
	400V	A: 0.05-0.5s/5s/30s/3M	HJSZ3AA400
		B: 0.1-1s/10s/60s/6M	HJSZ3AB400
		C: 0.5-5s/50s/5M/30M	HJSZ3AC400
		D: 1-10s/100s/10M/60M	HJSZ3AD400
		E: 6s-60s/10M/60M/6h	HJSZ3AE400
		F: 0.2M-2M/20M/2h/12h	HJSZ3AF400
		G: 0.4M-4M/40M/4h/24h	HJSZ3AG400

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Relay mode	Rated working voltage	Relay time	Reference		
Relay after power-off	120V	1S: 0.1-1s	HJSZ3F1S120		
		2S: 0.2-2s	HJSZ3F2S120		
		3S: 0.3s-3s	HJSZ3F3S120		
		5S: 0.5s-5s	HJSZ3F5S120		
		6S: 0.6s-6s	HJSZ3F6S120		
		10S: 1s-10s	HJSZ3F10S120		
		20S: 2s-20s	HJSZ3F20S120		
		30S: 3s-30s	HJSZ3F30S120		
		60S: 6s-60s	HJSZ3F60S120		
		100S: 10s-100s	HJSZ3F100S120		
		180S: 18s-180s	HJSZ3F180S120		
		4M: 0.4min-4min	HJSZ3F4M120		
		5M: 0.5min-5min	HJSZ3F5M120		
		6M: 0.6min-6min	HJSZ3F6M120		
		10M: 1min-10min	HJSZ3F10M120		
		20M: 2min-20min	HJSZ3F20M120		
		30M: 3min-30min	HJSZ3F30M120		
			240V	1S: 0.1-1s	HJSZ3F1S240
				2S: 0.2-2s	HJSZ3F2S240
				3S: 0.3s-3s	HJSZ3F3S240
5S: 0.5s-5s	HJSZ3F5S240				
6S: 0.6s-6s	HJSZ3F6S240				
10S: 1s-10s	HJSZ3F10S240				
20S: 2s-20s	HJSZ3F20S240				
30S: 3s-30s	HJSZ3F30S240				
60S: 6s-60s	HJSZ3F60S240				
100S: 10s-100s	HJSZ3F100S240				
180S: 18s-180s	HJSZ3F180S240				
4M: 0.4min-4min	HJSZ3F4M240				
5M: 0.5min-5min	HJSZ3F5M240				
6M: 0.6min-6min	HJSZ3F6M240				
10M: 1min-10min	HJSZ3F10M240				
20M: 2min-20min	HJSZ3F20M240				
30M: 3min-30min	HJSZ3F30M240				
	400V			1S: 0.1-1s	HJSZ3F1S400
				2S: 0.2-2s	HJSZ3F2S400
				3S: 0.3s-3s	HJSZ3F3S400
		5S: 0.5s-5s	HJSZ3F5S400		
		6S: 0.6s-6s	HJSZ3F6S400		
		10S: 1s-10s	HJSZ3F10S400		
		20S: 2s-20s	HJSZ3F20S400		
		30S: 3s-30s	HJSZ3F30S400		
		60S: 6s-60s	HJSZ3F60S400		
		100S: 10s-100s	HJSZ3F100S400		
		180S: 18s-180s	HJSZ3F180S400		
		4M: 0.4min-4min	HJSZ3F4M400		
		5M: 0.5min-5min	HJSZ3F5M400		
		6M: 0.6min-6min	HJSZ3F6M400		
		10M: 1min-10min	HJSZ3F10M400		
		20M: 2min-20min	HJSZ3F20M400		
		30M: 3min-30min	HJSZ3F30M400		

Motor Control & Protection

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Technical Data

Condition	AC-15 DC-13	400V/1.95A; 240V/1.5A; 120V/3.0A 250V/0.27A; 125V/0.55A
Repetitive error	≤5%	
Rated thermal current	5A	
Mechanical life	≥1×10 ⁶ times	
Electric life	≥1×10 ⁵ times	
Power loss	≤3W	
Working mode	A: Relay after power-on	F: Relay after power-off
Reset mode	A: Power-off reset	F: External device reset
Contactur endurance	A: 5A (Resistive)	F: 1A (Resistive)
Relay time	HJSZ3A: 0.05s-0.5s/5s/30s/3M, 0.1s-1s/10s/60s/6M 0.5s-5s/50s/5M/30M, 1s-10s/100s/10M/60M 6s-60s/10M/60M/6h, 0.2M-2M/20M/2h/12h 0.4M-4M/40M/4h/24h HJSZ3F: 0.1s-1s, 0.2s-2s, 0.3s-3s, 0.5s-5s, 0.6s-6s, 1s-10s, 2s-20s, 3s-30s, 6s-60s, 10s-100s, 10s-120s, 10s-180s, 0.4M-4M, 0.5M-5M, 0.6M-6M, 1M-10M, 2M-20M, 3M-30M	
Temp.	-5°C~+40°C	
Install mode	Install mounted, Din rail mounted, Panel mounted	

Overall Dimensions

Unit: mm

