

- Built-in dedicated timing IC chip, accurate timing
- Equipped with power and action status indicator
- Laser marking, clear and durable
- Adjustment plate positioning buckle design, shockproof
- Comply with IEC60947-5-1:2016

Time dial
Various delay time is optional.

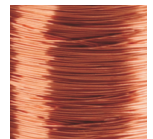


Silver alloy contacts

It can carry more current, with stronger conductivity and more sensitive response, and greatly extend electrical life, and works more stable.

Top copper coil material

Standard turns and electromagnetic coils make the pick-up more reliable and enduring, which can reach more than 20 million cycles.

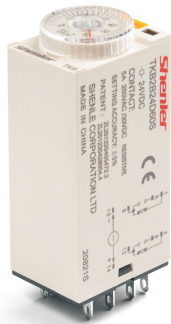


Metal clip
The relay is firmly attached to the socket by metal clip SK52M.



Silver alloy pins
High-quality silver alloy pins, strong contact, instantaneous conductivity and stable performance.





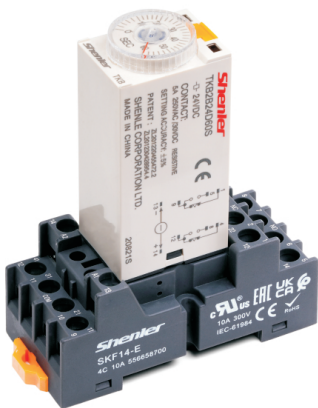
Relay

+



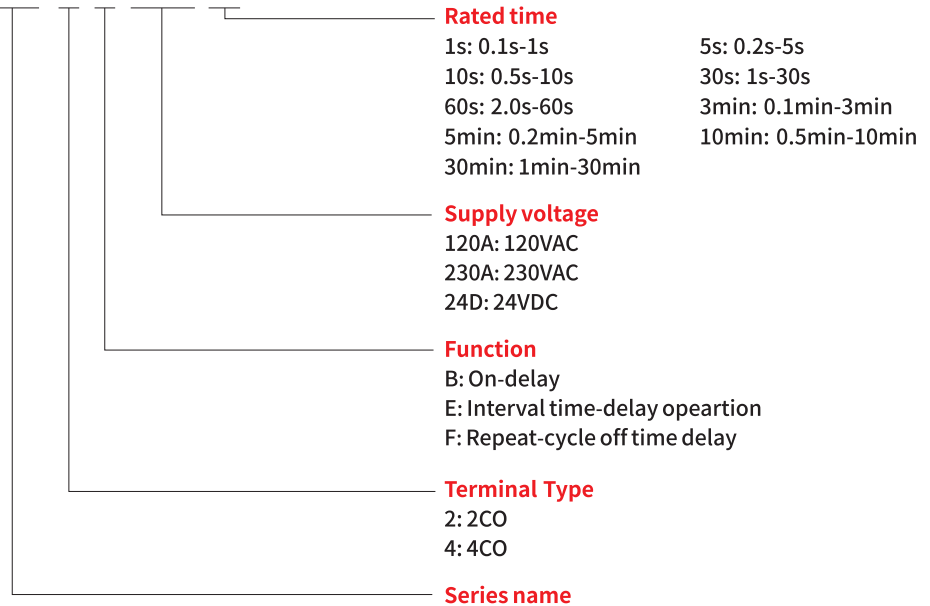
Socket

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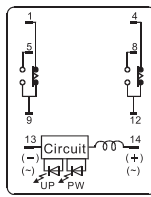
Relay module

TKB 2 B 230A 5S

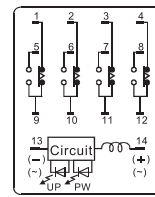


Characteristics		TKB2B	TKB2E	TKB4B	TKB4E
Configuration		TKB2B	TKB2E	TKB4B	TKB4E
Rated supply voltage		120VAC, 230VAC 50/60Hz; DC24V			
Operating voltage range		Rated voltage 85-110% (90%-110% is DC12V)			
Power consumption		3.5W			
Max.output load		5A, 250 VAC (p.f.=1)		3A, 250 VAC (p.f.=1)	
Min. output load		10 mA, 17 VDC			
Repetitive error		±2% (FS max.)			
Setting error		±5% (FS max.)			
Voltage error		±2% (FS max.)			
Temperature error		±2% (FS max.)			
Resetting time		Min.time: 0.2 sec			
Insulation resistance		100MΩ(DC500V)			
Dielectric strength		Between current-carrying and Non-current-carrying parts 2000V 50/60Hz min			
		Between control output terminals and operating circuit 1500V 50/60Hz min			
		Between contacts 1000V 50/60Hz min			
Vibration resistance	Destruction	10~55Hz with 0.75mm single amplitude each in 3directions for 2 hours each			
	Malfunction	10~55Hz with 0.5mm single amplitude each in 3 directions for 10 minutes each			
Shock resistance	Destruction	30G			
	Malfunction	10G			
Storage temperature		-55~+85°C/ 5%~68%RH (18 months)			
Ambient temperature		-10°C~55°C			
Ambient humidity		35~85%RH (No condensation)			
Life expectancy	Mechanical	> 10 ⁷ (under no load, at 1,800 operations/hour)			
	Electrical	> 10 ⁵			
Unit weight		approx. 60g			

Wiring Diagrams



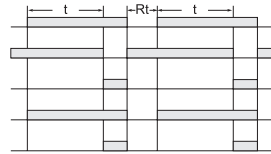
TKB2B TKB2E



TKB4B TKB4E

Timing charts

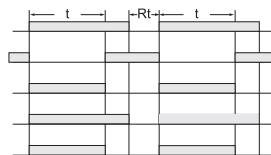
Power13-14
Time-limit contact (NC)9-1、12-4
Time-limit contact (NO)9-5、12-8
Power indicator
Output indicator



TKB2B

NOTE: t :set time, Rt: reset time

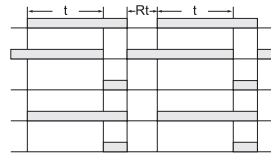
Power13-14
Time-limit contact (NC)9-1、12-4
Time-limit contact (NO)9-5、12-8
Power indicator
Output indicator



TKB2E

NOTE: t :set time, Rt: reset time

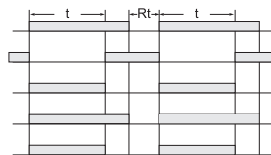
Power13-14
Time-limit contact (NC)9-1、10-2、11-3、12-4
Time-limit contact (NO)9-5、10-6、11-7、12-8
Power indicator
Output indicator



TKB4B

NOTE: t :set time, Rt: reset time

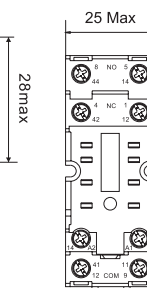
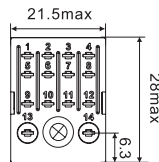
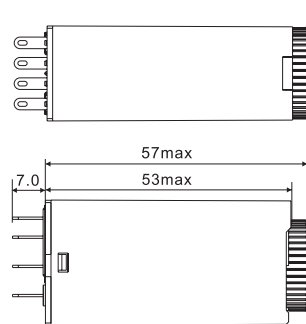
Power13-14
Time-limit contact (NC)9-1、10-2、11-3、12-4
Time-limit contact (NO)9-5、10-6、11-7、12-8
Power indicator
Output indicator



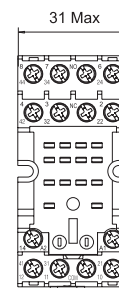
TKB4E

NOTE: t :set time, Rt: reset time

Dimensions(mm)



SKF08-E



SKF14-E

