

# TIMER RELAY

Classification	Timer Relay			
Specification/ Model	ST3PF	ST3PK	ST3PY	ST3PR
Dimension	55H × 40.5W × 57.5D	55H × 40.5W × 57.5D	55H × 40.5W × 57.5D	55H × 40.5W × 57.5D
Function	Off delay	Breaking delay	Delaying of star-delta starter	On-off delaying repetitive
Delaying Accuracy	1%	1%	0.5%±10ms	1%
Contact Amount	Timed 1 Spdt	Timed 1 Spdt	Timed star-delta transfer Inst. 1 normally open	Timed 1 Spdt
Contact Capacity	AC220V 3A	AC220V 3A	AC220V 3A	AC220V 2A
Delaying Range	0.1~1s 0.2~2s 0.5~5s 1~10s 2.5~30s 5~60s	0.1~1s 0.25~2s 0.5~5s 1~10s 2.5~30s 5~60s 15~180s	1~10s 2.5~30s 5~60s	0.5~6s/60s 1~10s/10min 2.5~30s/30min
Rated Voltage	AC110, 220V DC24, 48, 110V	AC110, 220V DC24V	AC110, 220V	AC110, 220V DC24V

Classification	Timer	Timer	Timer	Timer
Specification/Model	TB-35	TB-38B	SUL181h	E8
Contact Capacity	AC220V 10A	AC220V 10A	AC220V 16A	AC220V 10A
Full Timing Range	24h	24h	24h	7m
Contact Resistance	≥50mΩ	≥50mΩ	≥50mΩ	≥50mΩ
Insulation Resistance	≤100MΩ	≤100MΩ	≤100MΩ	≤100MΩ
Coil Voltage	100~240V AC	100~240V AC	110,230V AC	110,230V AC
Life	Electrical	10 <sup>5</sup> Times	10 <sup>5</sup> Times	10 <sup>5</sup> Times
	Mechanical	10 <sup>7</sup> Times	10 <sup>7</sup> Times	10 <sup>7</sup> Times
Operating Temperature	-40°C~+55°C	-40°C~+55°C	-40°C~+55°C	-40°C~+55°C
Storage Battery (Working Reserve)	Without Battery	Time 150h	Time 150h	-
Minimum Setting Unit	15Minutes	15Minutes	30Minutes	0.5Minutes
Set Up Times	15 m/per times 96 times	15 m/per times 96 times	30 m/per times 48 times	1M, 1.5M, 2M, 2.5M, 3M, 3.5M, 4.5M, 5M, 5.5M, 6M, 6.5M, 7M

Timer relay is mainly suitable for A.C. electric power system with volt-age up to 660V, current up to 500A, 50/60Hz.