

General

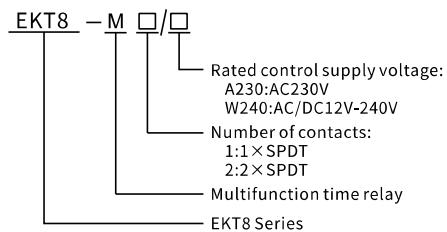
Applications

- Multifunction time relay can be used for electrical appliances, control of lights, heating, motors, pumps and fans (10 functions, 10 time ranges, multi-voltage).

Function Features

- 10 functions: -5 time functions controlled by supply voltage
- 4 time functions controlled by control input
- 1 function of latching relay
- Comfortable and well-arranged function and time-range setting by rotary switches.
- Time scale 0.1s-10days divided into 10 ranges.
- Relay status is indicated by LED.
- 1-MODULE,DIN rail mounting.

Model and connotation



Technical parameters

Technical parameters	EKT8-M1	EKT8-M2
Function	A, B, C, D, E, F, G, H, I, J	A1-A2
Supply terminals		AC/DC 12-240V(50-60Hz)
Voltage range	W240	AC 0.09-3VA/DC 0.05-1.7W
Burden		AC 230V(50-60Hz)
Voltage range	A230	AC max.6VA/1.3W
Power input		AC max.6VA/1.9W
Supply voltage tolerance		-15%; +10%
Supply indication		Green LED
Time ranges		0.1s-10days,ON,OFF
Time setting		Potentiometer
Time deviation		10%-mechanical setting
Repeat accuracy		0.2%-set value stability
Temperature coecient		0.05%/°C, at=20°C(0.05%°F, at=68°F)
Output	1×SPDT	2×SPDT
Current rating	1×16A/AC1	2×16A/AC1
Switching voltage		250VAC/24VDC
Min.breaking capacity DC		500mW
Output indication		Red LED
Mechanical life		1×10 ⁷
Electrical life(AC1)		1×10 ⁵
Reset time		Max.200ms
Operating temperature		-20°C to +55°C (-4°F to 131°F)
Storage temperature		-35°C to +75°C (-22°F to 158°F)
Mounting/DIN rail		Din rail EN/IEC 60715
Protection degree		IP40 for front panel/IP20 terminals
Operating position		Any
Overvoltage cathegory		III.
Pollution degree		2
Max.cable size(mm ²)		Solid wire max.1×2.5 or 2×1.5/with sleeve max.1×2.5(AWG 12)
Dimensions		90×18×64mm
Weight	1×SPDT: W240- 62g, A230-60g	2×SPDT: W240- 82g, A230-81g
Standards		IEC61812-1,IEC60947-5-1

