



General

Applications

- It is used for regular room ventilation, cyclic dehumidification, light control, circulating pumps, noon signs, etc.

Function Features

- 2 time functions:

- Cycler beginning with pulse
- Cycler beginning with pause

- Function choice is done by an external jumper of terminals S-A1.

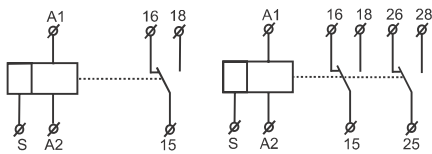
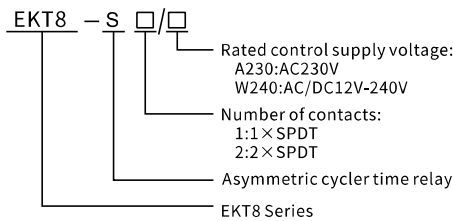
- Time scale 0.1s-100days divided into 10 time ranges:

(0.1s-1s/1s-10s/0.1min-1min/1min-10min/0.1hrs-1h/1hrs-10hrs /0.1day-1day/1day-10days/3days-30days/10days-100days).

- Relay status is indicated by LED.

- 1-MODULE,DIN rail mounting.

Model and connotation



Technical parameters

Technical parameters	EKT8-S1	EKT8-S2
Function	Asymmetric cycler time relay	
Supply terminals	A1-A2	
Voltage range	W240	AC/DC 12-240V(50-60Hz)
Burden		AC 0.09-3VA/DC 0.05-1.7W
Voltage range	A230	AC 230V(50-60Hz)
Power input		AC max.6VA/1.3W AC max.6VA/1.9W
Supply voltage tolerance	-15%; +10%	
Supply indication	Green LED	
Time ranges	0.1s-10days,ON,OFF	
Time setting	Potentionmeter	
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 x SPDT	2 x SPDT
Current rating	1 x 16A/AC1	2 x 16A/AC1
Switching voltage	250VAC/24VDC	
Min.breaking capacity DC	500mW	
Output indication	Red LED	
Mechanical life	1 x 10 ⁷	
Electrical life(AC1)	1 x 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	
Oversvoltage cathegory	III.	
Pollution degree	2	
Max.cable size(mm ²)	Solid wire max.1 x 2.5 or 2 x 1.5/with sleeve max.1 x 2.5(AWG 12)	
Dimensions	90 x 18 x 64mm	
Weight	1 x SPDT: W240- 62g, A230-61g	2 x SPDT: W240- 82g, A230-82g
Standards	IEC61812-1,IEC60947-5-1	

