

KTM-3M TIMING RELAY



CONTROL COMPONENTS

SQUARE LIGHT

TOWER LIGHT

MICRO SWITCH

FOOT SWITCH

LIMIT SWITCH

POWER SWITCH

HOIST SWITCH

CAM SWITCH

BUZZER

PHOTO SENSOR

PROXIMITY SENSOR

FLOATLESS LEVEL SWITCH

TIMER & COUNTER

RELAY

SOCKETS

TERMINAL BLOCK

CONTROL BOX

PID TEMP. CONTROLLER

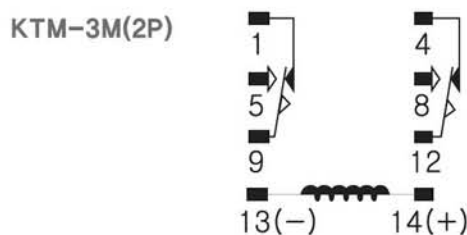
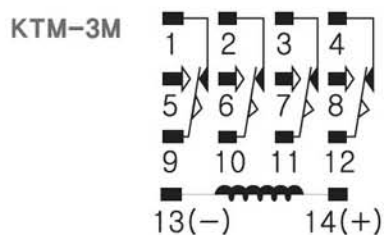
Specification

Model	KTM-3M
Mounting	Socket
Operation	ON delay
Indicator	red LED
Compatible sockets	KH-RS-14M, KH-RS-14N
Rated Voltage	110/220VAC(50/60Hz) 12, 24, 48, 100VDC
Power Consumption	AC type: 2.5VA, DC type: 0.9W
Returning time	min. 0.1 second (power reset)
Relay durability	Mechanical: 3,000,000 cycles of operation Electrical: 200,000 cycles of operation (1,800 cycles/hour)
Contact Output Ratings	110VAC 3A /220VAC 1.5A / 24VDC 3A
Operating time deviation	± 0.5% Max. (for maximum setting time)
Setting error	± 5% Max. (for maximum setting time)
Voltage error	± 0.5% Max. (for maximum setting time)
Temperature error	± 2% Max. (for maximum setting time)
Insulation resistance	min. 100MΩ (500VDC)
Dielectric strength	1,500VAC 50/60Hz for 1 minute
Shock resistance	30G
Vibration resistance	10~55Hz at double amplitude: 0.5mm(X,Y,Z directions) for 1 hour
Ambient Temperature	-10~+50°C (not freezing condition)
Ambient Humidity	35~85% RH
Protection	IP50 (indoor use only)
Material	Case: ABS, Base: PBT glass, knob: PC
Weight	39g

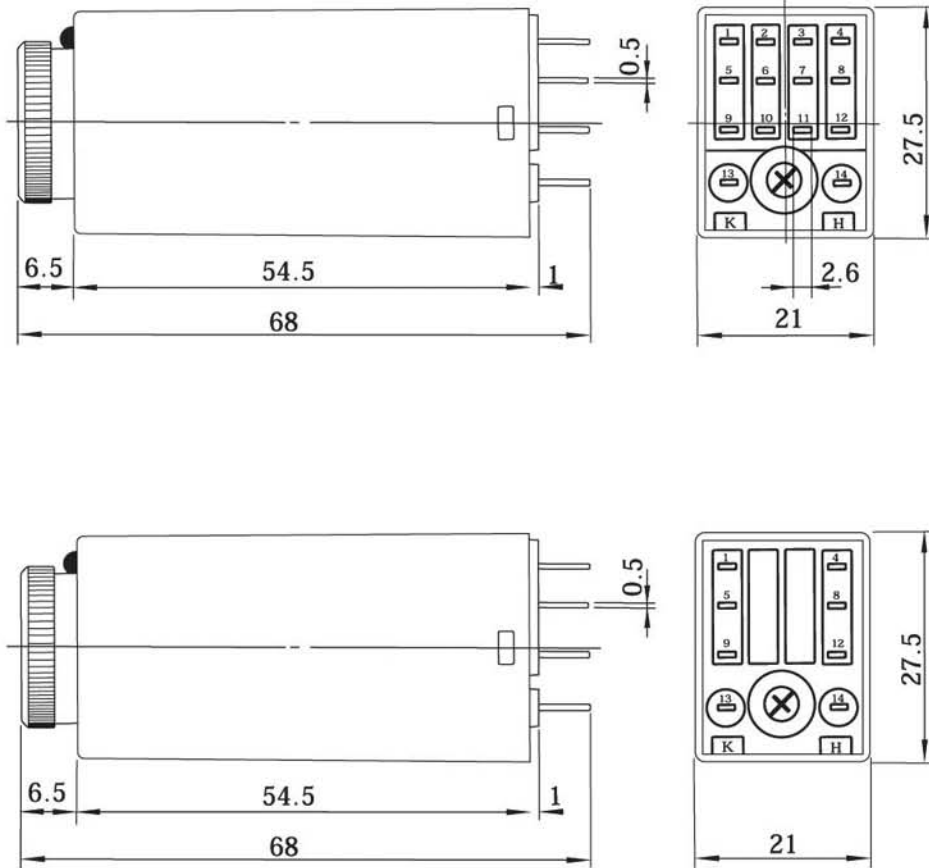
Time range

Model No.	Max. Gradation	min. Gradation	Time Range
KTM-3M-01S	1 second	0.1 second	0.1~1 second
KTM-3M-06S	6 seconds	0.5 second	0.2~6 seconds
KTM-3M-10S	10 seconds	0.5 second	0.5~10 seconds
KTM-3M-12S	12 seconds	0.5 second	0.2~12 seconds
KTM-3M-30S	30 seconds	2.5 seconds	0.5~30 seconds
KTM-3M-60S	60 seconds	5 seconds	0.5~60 seconds
KTM-3M-03M	3 minutes	15 seconds	1~180 seconds
KTM-3M-05M	5 minutes	15 seconds	15~300 seconds
KTM-3M-10M	10 minutes	30 seconds	10 seconds~10 minutes
KTM-3M-15M	15 minutes	1 minute	30 seconds~15 minutes
KTM-3M-30M	30 minutes	2.5 minutes	30 seconds~30 minutes
KTM-3M-60M	60 minutes	5 minutes	30 seconds~1 hour
KTM-3M-03H	3 hours	10 minutes	3 minutes~3 hours
KTM-3M-06H	6 hours	30 minutes	10 minutes~6 hours
KTM-3M-12H	12 hours	1 hour	10 minutes~12 hours
KTM-3M-24H	24 hours	1 hour	30 minutes~24 hours

Wiring diagram



Dimensions



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