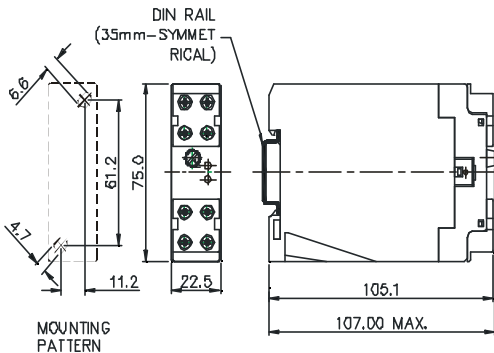




Electronic Timers series ET225 are 2 changeover timers suitable for 35mm DIN rail mounting as well as screw mounting. The enclosure material is elegant and mechanically robust engineering thermoplastic having highest flammability rating of UL94-V0. The range includes low cost single voltage single function timer to a multi-voltage, multi-range and multifunction timer. These timers are built for applications such as motor control, process control, automation, industrial control panels and quarries among many others.

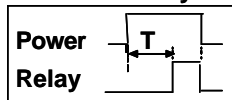
- Sleek width of 22.5mm
- 4 user selectable functions : ON Delay, Interval ON, Cyclic Equal with Relay OFF First, Cyclic Equal with ON First
- 5 Ampere, 2 Changeover relay
- Snap fit terminal guards for IP20 finger protection
- Attractive thermoplastic enclosure for harsh industrial environment with UL94-V0 flammability protection
- Repeat accuracy much better than 0.5%.
- Low Cost



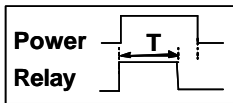
TECHNICAL DATA:

OPERATING MODES

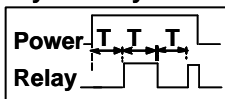
On - delay



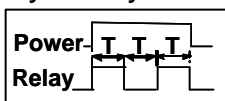
Interval-on



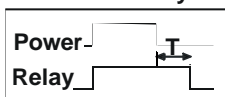
Cyclic relay off first



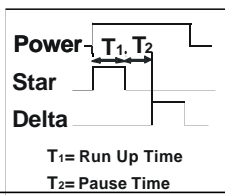
Cyclic relay on first



Power Off Delay



Star-Delta Timer



Supply Voltage	: 110V, 230V OR 415 VAC (±15%), 50/60Hz : 110 V OR 220V/DC OR 24V AC/DC : Multivoltage24-240V AC/DC.
Power consumption	: 3VA at 230V AC
Operating Modes	: ON Delay, Interval ON, Cyclic Equal with Relay OFF First, Cyclic Equal with Relay ON First.
Timer Range	: For Single Time Range Timer. 3 seconds, 15seconds, 60seconds, 3 minutes, 15 minutes, 60 minutes, 3 hours, 10 Hours.
For Multi-range Timer:	15 Sec, 60 Sec, 8 Min, 64 Min.
Relay contact rating	: 2 C/O contactS rated for switching 5 A @ 230V AC/ 24V DC
For Star Delta Timer	: 1 NO contact for Star relay and 1NO for Delta relay
Accuracy setting	: +/- 5% of full scale
Repeat accuracy	: Much better than 0.5%
Reset time	: 0.1 second on interruption of power
Operating temperature	: -10°C t o 60°C at relative humidity 85%
Storage temperature	: -10°C t o 90°C
Enclosure material	: High temperature ABS, UL94-V0 (Pearl White)
Mounting	: 35mm DIN rail mounting or screw mounting using two M-3.5 screws
Size	: 22.5(W)x 75(H) x 105(D)
Life expectancy	: Mechanical 2 x 10 ⁶ operations
Electrical	: 1 x 10 ⁵ operations (maximum no. of operations 1200/hours)



CATALOG NO.:

SERIES	FUNCTION	TIME RANGE	VOLTAGE
Single function and single range			
ET225	DE	15S	240AC
	ON DELAY - DE	3 seconds – 3S	240 Volts AC – 240AC
	INTERVAL ON - IT	15 seconds – 15S	110 Volts AC –
110AC			
	CYCLIC EQUAL,	60 seconds – 60S	240 Volts DC –
240DC			
	RELAY OFF FIRST - CD	3 minutes – 3M	110 Volts DC – 110DC
	CYCLIC EQUAL,	15 minutes – 15M	24 Volts AC or DC – 24
	RELAY ON FIRST - CY	60 minutes – 60M	
		3 hours – 3H	
		10 hours – 10H	

1) Multifunction option is available with multi-range option only

Multi-function timer

ET225	M	R	MV
	Multifunction – M	Multi-range- R	Multi-voltage 24-240V AC/DC – MV
			230 Volts AC – 230AC
			110 Volts AC – 110AC
			24 Volts AC or DC – 24

Star- delta timer

ET225	SD	R	240AC
	Star-Delta – SD	Multi-range- R	240 Volts AC – 240AC
			110 Volts AC – 110AC
			415 Volts AC – 415AC

1) Time range selectable from 30Sec, 60Sec or 120Sec. Pause time selectable from 50 mSec, 100 mSec, or 150mSec.

True-Power Off Delay Timer

ET225	POD	60S	230AC
	Power Off Delay – POD	60 Seconds - 60S	230 Volts AC – 230AC
		180 Seconds - 180S	110 Volts AC – 110AC

Due to continuous improvement in products, we reserve the right to alter specifications without prior notice.

ESSEN DEINKI

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