



SAVEAIR
Technologies Pvt Ltd



Product Catalogue

Contact For Any Enquiry

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Motor Control Timers

- Brown Out Timer with 3 Functions: ON Delay, Interval, Pulse
- Detects Voltage Dips and Momentary Loss of Supply & Resets the control panel
- Low Power Consumption
- Fast Response Time
- LED indications for Healthy & Unhealthy conditions
- Excellent Noise Immunity to the latest IEC standards

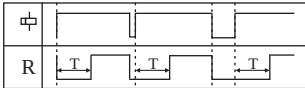
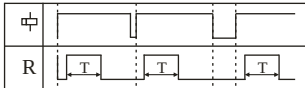
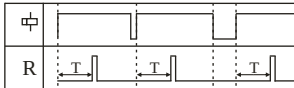


Ordering Information

Cat. No.	Description
23UDT0	110 VAC, Brown Out Timer with 3 Functions, 1 C/O
27UDT0	240 VAC, Brown Out Timer with 3 Functions, 1 C/O

Motor Control Timers



Cat. No.		23UDT0		27UDT0	
Parameters					
Timer Description		Brown Out Timer			
Modes		ON Delay, Interval, Pulse			
Functional Diagram		 ON DELAY	 INTERVAL	 PULSE	
Supply Voltage (Φ)		110 VAC		240 VAC	
Supply Variation		- 40% to +10% (of Φ)			
Frequency		50/60 Hz		50 Hz	
Power Consumption (Max.)		2 VA		4 VA	
Timing Range		0.3s to 30s			
Initiate Time		Max. 200 ms			
Trip Voltage		81 V (± 6 V)		168 V (± 6 V)	
Recovery Voltage		96 V (± 4 V)		184 V (± 4 V)	
Response Time	Voltage Interruptions	15 ms (Max.)			
	Voltage Dips	30 ms (Max.)			
Setting Accuracy		± 5% of Full scale			
Repeat Accuracy		± 1%			
Output	Relay Output	1 C/O			
	Contact Rating	5A @ 240 VAC / 28 VDC (Resistive)			
	Electrical Life	1x10 ⁵			
	Mechanical Life	1x10 ⁷			
Utilization Category		AC - 15	Rated Voltage (Ue): 240/125 VAC, Rated Current (Ie): 1.3/2.5 A		
		DC - 13	Rated Voltage (Ue): 24/125/250 V, Rated Current (Ie): 2.0/0.22/0.1 A		
Operating Temperature		-10°C to +55°C			
Storage Temperature		-10°C to +60°C			
Humidity (Non Condensing)		80%			
LED Indication		Healthy Condition: Green LED On, Unhealthy Condition: Green LED Flashing slow			
		Colour	Amber	Red	
Enclosure		Flame Retardant UL94-V0			
Dimension (W x H x D) (in mm)		22.5 X 75 X 100.5			
Weight (unpacked)		130 g			
Mounting		Base / DIN rail			
Certification		 			
Degree of Protection		IP 20 for Terminals, IP 40 for Enclosure			

EMI / EMC

Harmonic Current Emissions	IEC 61000-3-2
ESD	IEC 61000-4-2
Radiated Susceptibility	IEC 61000-4-3
Electrical Fast Transients	IEC 61000-4-4
Surges	IEC 61000-4-5
Conducted Susceptibility	IEC 61000-4-6
Voltage Dips & Interruptions (AC)	IEC 61000-4-11
Conducted Emission	CISPR 14-1
Radiated Emission	CISPR 14-1

Environmental

Cold Heat	IEC 60068-2-1
Dry Heat	IEC 60068-2-2
Vibration	IEC 60068-2-6
Repetitive Shock	IEC 60068-2-27
Non-Repetitive Shock	IEC 60068-2-27