

Features

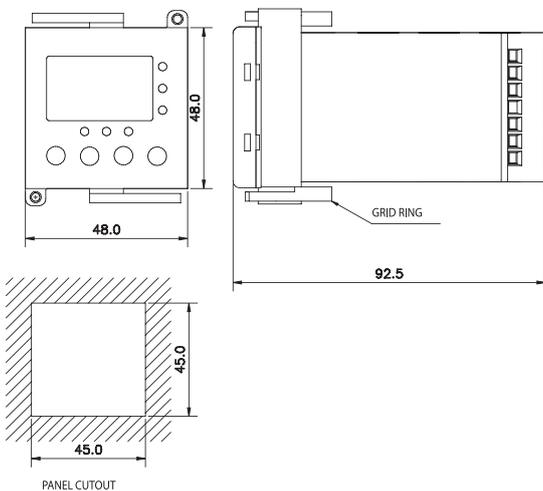
- Digital 7-Segment display Supply Voltage range of 110-240 VAC
- Input Signal Sensing range of 85-265V AC/100-265V DC & 20-60V AC/DC
- Inbuilt library of 33 functions covering majority applications
- Easy steps to program customized functions
- Suitable for Panel and Base/DIN mounting
- Two separate Channel outputs with selectable Timer modes
- Wide timing range - 0.1 Sec. to 999 Days
- Tamper proof with key lock feature
- Provision to edit Preset time during Run time
- Provision to save two independent functional Profiles (P1 & P2)

Specification

Part Number	MP008374																																		
Parameters																																			
Timer Description	Programmable Multi Function Digital Timer																																		
Default Functions	<table border="0"> <tr> <td>1) On delay</td> <td>17) Impulse on energizing</td> </tr> <tr> <td>2) On delay constant supply type 2</td> <td>18) Impulse on/off</td> </tr> <tr> <td>3) On delay constant supply type 3</td> <td>19) Accumulative delay on signal</td> </tr> <tr> <td>4) On delay (control switch resettable)</td> <td>20) Accumulative delay on inverted signal</td> </tr> <tr> <td>5) Signal on delay</td> <td>21) Accumulative impulse on signal</td> </tr> <tr> <td>6) Inverted signal on delay</td> <td>22) Leading edge impulse</td> </tr> <tr> <td>7) Inverted signal on delay type 2</td> <td>23) Leading edge impulse 2</td> </tr> <tr> <td>8) Signal off delay</td> <td>24) Trailing edge impulse</td> </tr> <tr> <td>9) Off delay const. supply type 2</td> <td>25) Trailing edge impulse 2</td> </tr> <tr> <td>10) Cyclic on/off</td> <td>26) Delayed impulse</td> </tr> <tr> <td>11) Cyclic off/on</td> <td>27) Delayed impulse type 2</td> </tr> <tr> <td>12) Asymmetric cycle pulse start</td> <td>28) Delayed pulse (constant supply)</td> </tr> <tr> <td>13) Asymmetric recycler pulse start type 2</td> <td>29) Delayed pulse (remote trig.)</td> </tr> <tr> <td>14) Signal on off delay</td> <td>30) Delayed pulse (const. supply type 1)</td> </tr> <tr> <td>15) Signal on off delay type 2</td> <td>31) On pulse (control switch resettable)</td> </tr> <tr> <td>16) Signal off/on (new)</td> <td>32) On pulse (supply reset)mode</td> </tr> <tr> <td></td> <td>33) Leading edge bi-stable or step relay</td> </tr> </table>	1) On delay	17) Impulse on energizing	2) On delay constant supply type 2	18) Impulse on/off	3) On delay constant supply type 3	19) Accumulative delay on signal	4) On delay (control switch resettable)	20) Accumulative delay on inverted signal	5) Signal on delay	21) Accumulative impulse on signal	6) Inverted signal on delay	22) Leading edge impulse	7) Inverted signal on delay type 2	23) Leading edge impulse 2	8) Signal off delay	24) Trailing edge impulse	9) Off delay const. supply type 2	25) Trailing edge impulse 2	10) Cyclic on/off	26) Delayed impulse	11) Cyclic off/on	27) Delayed impulse type 2	12) Asymmetric cycle pulse start	28) Delayed pulse (constant supply)	13) Asymmetric recycler pulse start type 2	29) Delayed pulse (remote trig.)	14) Signal on off delay	30) Delayed pulse (const. supply type 1)	15) Signal on off delay type 2	31) On pulse (control switch resettable)	16) Signal off/on (new)	32) On pulse (supply reset)mode		33) Leading edge bi-stable or step relay
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Supply Voltage	110V AC to 240V AC																																		
Supply Variation	-20% to +10%																																		
Frequency	47-63 Hz																																		
Power Consumption	9 VA Max.																																		
Timing Range	0.1s to 999 days																																		
Reset Time/Initiate Time	200 ms (Max.) / 100 ms (Max.)																																		
Input Signals/Signal Isolation	High Range: 85-265V AC/ 100-265V DC, Low Range: 24-60V AC/DC / 2 KV																																		

Signal Sensing Time/ Wait Period	50ms. (max.) / 100ms @ Power On & for signal based modes only.	
Timing Accuracy	± 0.01%	
Output	Relay Output	2 C/O
	Contact Rating	5A for NO & 3A for NC @ 250VAC/30VDC (Resistive.)
	Electrical Life	1 × 10 ⁵
	Mechanical Life	5 × 10 ⁶
Utilization Category	AC - 15 DC - 13	250V AC/2A, Cos Ø = 0.6, 85°C, 100000 Operations. Ue rated voltage V – 24; Ie rated current A – 2.0.
Operating Temperature	-5°C to +55°C	
Storage Temperature	-10°C to +60°C	
Humidity (Non Condensing)	95% (Rh)	
LED Indication	SV (Red) - Set Value; P1/P2 (Red) -P1 Running; Up/Down (Red)-Up Counting; SG (Green)- Signal Present;OP1 (Red)-Relay OP1 ON;OP2 (Red)-Relay OP2 ON;	
Enclosure	IP 30 for Housing & front Facial and IP 20 for Terminals	
Dimension (W x H x D)	48mm × 48mm × 92.5mm	
Weight (unpacked)	160 g	
Mounting	Panel / Flush Mountable	
Degree of Protection	IP 20 for Terminals, IP 30 for Enclosure	

Mounting Dimensions



Dimensions : Millimetres

Part Number Table

Description	Part Number
Programmable Digital Timer, 2CO	MP008386

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