



Kanson Electronics, Inc.

INDUSTRIAL SOLID STATE TIMER

MODEL 1019 PLUG-IN

SPECIFICATIONS

INPUT
VOLTAGE: 120VAC/DC
FREQUENCY: 50/60 Hz or DC
TOLERANCE (VOLTAGE): ± 10% of nominal
POWER CONSUMPTION: 3 VA maximum
TRANSIENT PROTECTION: MOV

OUTPUT
TYPE: Electromechanical relay
RATING: 10 A @ 240VAC maximum

TIMING
TYPE: On delay
REPEAT ACCURACY: ± 1% of setting
RESET TIME: 40 msec minimum
TIMING RAMP: 0.02 sec min time - 1MΩ/sec
 0.06 sec min time - 100kΩ/sec
 0.5 sec min time - 10kΩ/sec
TIME RANGE: 0.02 to 500 secs in 6 ranges
RANGE TOLERANCE: ≤ 30% at maximum
 ≤ 0% at minimum
CONTROL: Application of power initiates timing cycle
CONTROL TERMINALS: A-B
VOLTAGE PRESENT AT CONTROL TERMINALS:
 Same as input voltage

PHYSICAL
OPERATING TEMP: 0° to 50° C (32° to 120°F)
TIMING VARIATION VS. TEMP: ± 5% maximum
MOUNTING: Plug-in
TERMINATION: 11 pin blade socket
HOUSING: Plastic



On Delay

Small, Economical plug-in unit saves space and installation time.

Input Power Actuates timing sequence, eliminating the need for a separate control circuit. Removing power automatically resets timing sequence.

UL File No. E50957

WIRING

OUTPUT 1	OUTPUT 3	Wiring Terminal Location 11 Pin Blade Socket
A-B Voltage input	A-B Voltage input	
4-7 N.O. timed	4-7 N.O. timed	
1-7 N.C. timed	1-7 N.C. timed	
6-9 N.O. timed	6-9 N.O. timed	
3-9 N.C. timed	3-9 N.C. timed	
2-5-8 Not used	2-5 Remote adjust (jumper if not used)	
	8 Not used	
	Caution: Never apply voltage to 2-5	
OUTPUT 4		
A-B Voltage input	6-9 N.O. timed	
1-7 N.C. timed	2-8 N.C. timed	
4-7 N.O. timed	5-8 N.O. timed	
3-9 N.C. timed		

ORDERING DATA

ORDERING CODE	1019 - 10 - 1 - 2												
BASIC MODEL NUMBER	1019												
TIME RANGE (Secs)	<table border="0"> <tr> <td>1</td> <td>0.02-1.0</td> <td>50</td> <td>0.06-50.0</td> </tr> <tr> <td>5</td> <td>0.02-5.0</td> <td>100</td> <td>0.5-100</td> </tr> <tr> <td>10</td> <td>0.06-10.0</td> <td>500</td> <td>0.5-500</td> </tr> </table>	1	0.02-1.0	50	0.06-50.0	5	0.02-5.0	100	0.5-100	10	0.06-10.0	500	0.5-500
1	0.02-1.0	50	0.06-50.0										
5	0.02-5.0	100	0.5-100										
10	0.06-10.0	500	0.5-500										
OUTPUT	<table border="0"> <tr> <td>1</td> <td>Relay DPDT</td> </tr> <tr> <td>3</td> <td>Relay DPDT w/remote adjust</td> </tr> <tr> <td>4</td> <td>Relay 3PDT</td> </tr> </table>	1	Relay DPDT	3	Relay DPDT w/remote adjust	4	Relay 3PDT						
1	Relay DPDT												
3	Relay DPDT w/remote adjust												
4	Relay 3PDT												
INPUT	2 120VAC/DC												

APPLICABLE ACCESSORIES

See accessory section for details	
Potentiometers	RP-207, RP-209
Reference dial	RP-216
Locking attachment	RP-217
11 pin socket	RP-304
Hold down clip	RP-306

DIMENSIONS Inches (millimeters)

