Programmable Interval 12V Timer Module

AA-0378

Distributed by:

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Technical Specifications:

- Power Input: 12VDC
- Low current drain: <50mA when relay is on, <5mA when relay is off
- Timing accuracy: ±1% at all settings
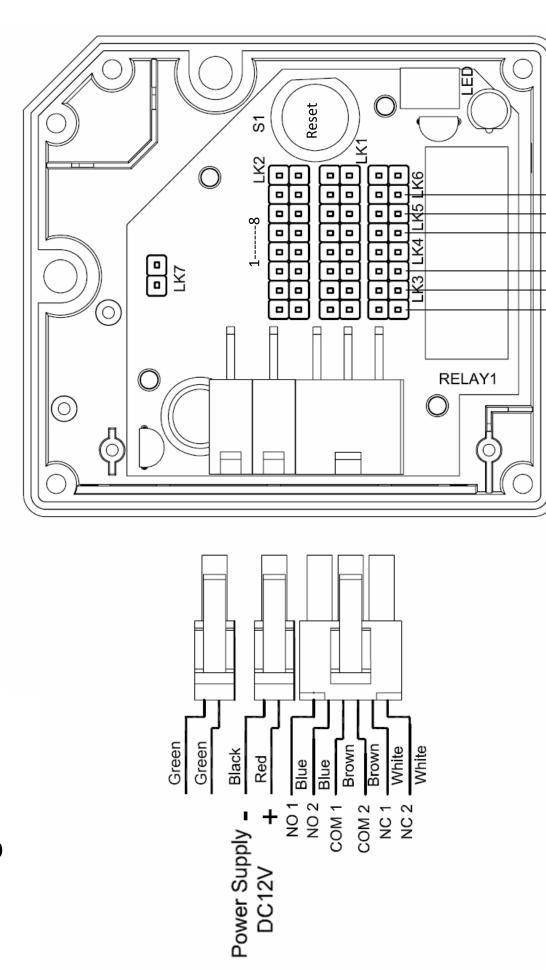- Dimensions: 72(L) x 65(W) x 43(H) mm

Notes:

- Never get any part of the module wet.
- Never attempt to open, modify or repair any part of the module.

Instructions:

- Set the jumpers to program the timer, according to the connection diagram and jumper settings table included.
- Plug in the supplied to the module, and the black and red cables to a power supply 12V.
- Connect the device you want to switch to the NO and NC for normally open function or NC and COM for normally closed function.
- Press the reset button to restart the selected timer0 function.

Jumper Settings:

Jumper Settings Table																	
RELAY ON PERIOD									RELAY OFF PERIOD								
Time	LK1 Jumper positions								Time	LK2 Jumper positions							
	1	2	3	4	5	6	7	8		1	2	3	4	5	6	7	8
1	√								1	√							
2		√							2		√						
3			√						3			√					
4				√					4				√				
5					√				5					√			
6						√			6						√		
7							√		7							√	
8								√	8								√
9									9								

On Time Units&Mult	LK4 & LK3 jumper positions				OFF Time Units&Mult	LK6 & LK5 jumper positions			
	LK4 (x10)	LK3a (s)	LK3b (m)	LK3c (h)		LK6 (x10)	LK5a (s)	LK5b (m)	LK5c (h)
Seconds		√			Seconds		√		
Seconds x10	√	√			Seconds x10	√	√		
Minutes			√		Minutes			√	
Minutes x10	√		√		Minutes x10	√		√	
Hours				√	Hours				√
Hours x10	√			√	Hours x10	√			√

Timer Operating Mode(LK7)	Jumper In: Continuous On/Off Timing
	Jumper Out: One Timing Period(Relay On)

Circuit Diagram:

LED

S1

Reset

LK2

LK1

1-----8

LK7

LK6

LK5 LK3

LK4

LK3

a b c

a b c

a a b c

a b c

a b c

a b c

RELAY1

Green
Green
Black
Red
Blue
Blue
Brown
Brown
White
White

Power Supply −
DC12V +

NO 1
NO 2
COM 1
COM 2
NC 1
NC 2