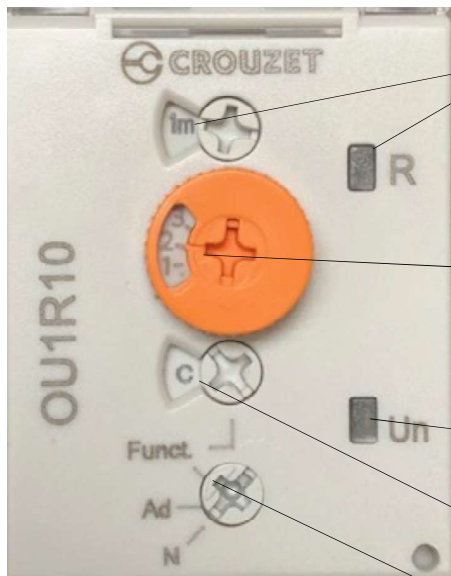


Time Range Selector- Most all crosswalks are set at 18 seconds or under. This is why 1M is used as start. May set to 10M (10 Minutes) for Fire Station use.

Multiplier- Orange dial has 10 multiples. On the 1M setting a 2 on the orange dial is 12 seconds. A 10M setting will be 2 minutes when set to 2 on the orange dial.



Time Range Selector (0.5 Seconds to 10 days) Set to **1M** (One Minute)

LED on when output is activated

Multiplier

Selects the exact time needed within the Time Range. (1M on Time Selector: 1=6 Seconds, 2=12 Seconds, 3=18 Seconds, 4=24 Seconds, 5=30 Seconds, 6=36 Seconds, 7=42 Seconds, 8=48 Seconds, 9=54 Seconds, 10=60 Seconds)

LED on when power is applied

Function Selector:

Must be set to "C" for correct operation

Monofunction Selector:

Must be set to "Funct." for correct operation.

Note Raised arrow head.

Function Selector- "C" Selects the operational mode of the relay. Known as "Delay on Break". The relay has continuous power. The relay activates when voltage is applied to input 5. Will stay activated until time setting is reached. The timing begins when the voltage is removed from input 5. (The Delay on Break) Will restart timing if a secondary voltage is applied even though first activation is not complete. The "LOAD" or "CONTROL" voltage is routed to Output 3 (Normally Open relay contact).

Funct. Selector- Mono-function to define this specific relay use. Other 2 settings cannot be used for this operation.

-Power requirements: Will operate on 12 to 240 volts AC or DC

-SPDT Contact

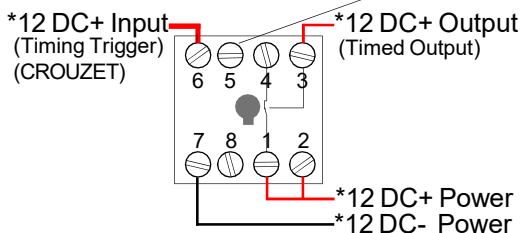
-Contact rated at 10 amp

-Electrical life: 100,000 cycles min at 250 VAC/ 10A resistive

Time Relay Operation:

The 502410CROUZET will operate on AC or DC voltage. This is wired for DC voltage. Terminals 7 and 2 are the power for the time relay. Terminal 1 is the moveable contact (relay input) to supply voltage for terminal 3 when activated. A momentary 12VDC at terminal 6 will start the activation timing. Timing will restart each time terminal 6 receives voltage input.

When using SSAC



*May be 115VAC voltage



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P/N 502410CROUZET v2

This relay is a “Delay on Break” only. The relay has continuous power. The relay activates when voltage is applied to input 5. It will stay activated until time setting is reached. The timing begins when the voltage is removed from input 5. (The Delay on Break)

Will restart timing if a secondary voltage is applied even though first activation is not complete.

The “LOAD” or “CONTROL” voltage is routed to Output 3 (Normally Open relay contact).



Time Range Selector (0.5 Seconds to 10 days) Set to **1M** (One Minute)

LED on when output is activated

Multiplier

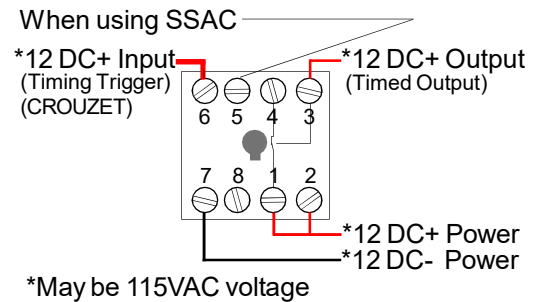
Selects the exact time needed within the Time Range. (1M on Time Selector:
 1=6 Seconds, 2=12 Seconds, 3=18 Seconds,
 4=24 Seconds, 5=30 Seconds, 6=36Seconds,
 7=42 Seconds, 8=48 Seconds, 9=54 Seconds,
 10=60 Seconds

LED on when power is applied

- Power requirements: Will operate on 12 to 240 volts AC or DC
- SPDT Contact
- Contact rated at 10 amp
- Electrical life: 100,000 cycles min at 250 VAC/ 10A resistive

Time Relay Operation:

The 502410CROUZET will operate on AC or DC voltage. This is wired for DC voltage. Terminals 7 and 2 are the power for the time relay. Terminal 1 is the moveable contact (relay input) to supply voltage for terminal 3 when activated. A momentary 12VDC at terminal 6 will start the activation timing. Timing will restart each time terminal 6 receives voltage input.



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Set-up of Time Relay

WARNING: MUST RESET POWER TO THE RELAY AFTER MAKING TIMING CHANGES.

The 10 vertical DIP switches labeled 1 through 512 are used to set the number of seconds the flash operation will last with each actuation. Select and turn ON the nearest switch to the time wanted (without going over) and then turn ON switches as needed to add up to the exact time desired.

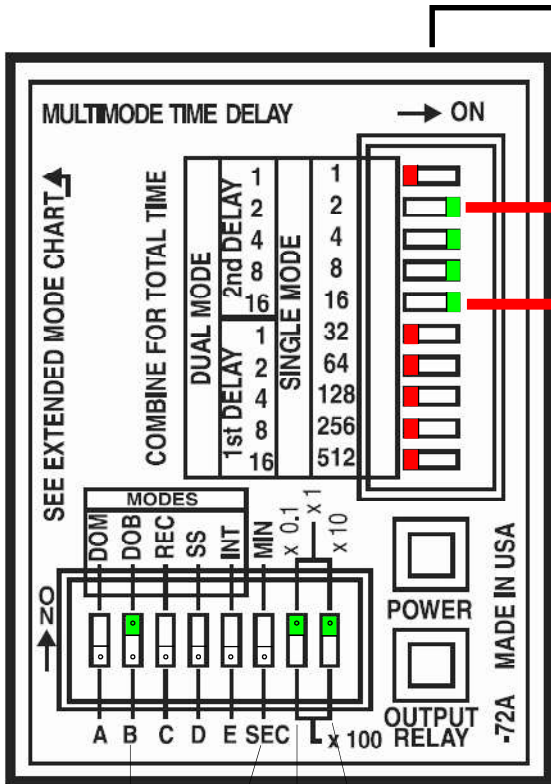


Illustration of 30 second time frame setting

- 1 OFF
- 2 ON
- 4 ON
- 8 ON
- 16 ON
- 32 OFF
- 64 OFF
- 128 OFF
- 256 OFF
- 512 OFF

1	OFF	
2	ON	+2
4	ON	+4
8	ON	+8
16	ON	+16
		<u>= 30 Seconds</u>

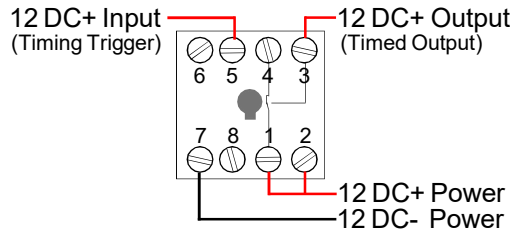
60 Second time setting

1	OFF	
2	OFF	
4	ON	+4
8	ON	+8
16	ON	+16
32	on	+32
		<u>= 60 Seconds</u>

ON OFF ON ON

MODE	Time Selection
A OFF	Seconds OFF
B ON	x0.1 ON
C OFF	x 10 ON
D OFF	to equal x 1

**DO NOT CHANGE THE MODE SWITCHES.
DO NOT CHANGE THE SEC. or X SWITCHES.
CHANGE OF THESE SWITCHES WILL
CHANGE THE OPERATION
OF THE RELAY.**



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