



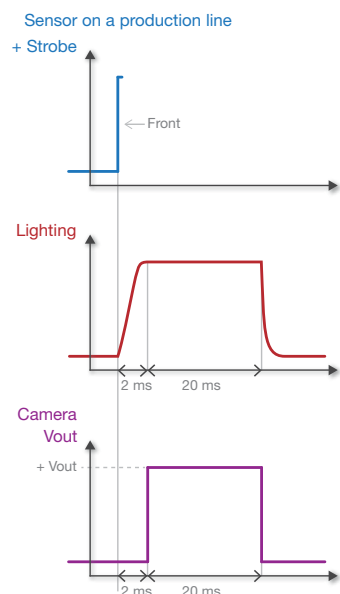
## TIME TCONTROL USER GUIDE

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## TIME TCONTROL USER GUIDE

### ■ TIME TABLE - STROBE MODE



#### SETTING EXAMPLE

**Pulse duration :** 20 ms  
**Active output status :** high  
**Activation front :** increasing

### ■ USER SECURITY

**Do respect the power supply voltages and the connection terminals.**

**Do not modify or dismantle all or part of the product.**

**Do not connect or clean when power is on.**



### ■ EQUIPMENT MAINTENANCE

#### CLEANING (when the product is switched off)

Please use a soft and dry cloth. Do not use any abrasive material. Do not use any cleaning solvent or aggressive chemical product. TPL Vision recommends to use isopropyl alcohol.

### ■ OPERATING CONDITIONS

Not for outdoor use.

Ref.UG-110301-B1, 2021/10 edition.



### PREAMBLE

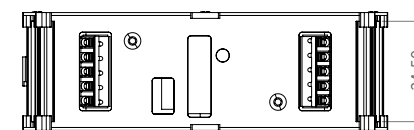
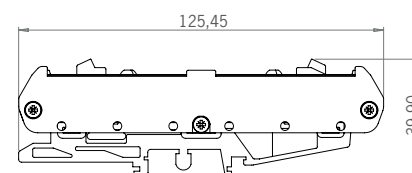
This notice includes all the advice and warnings that enables a correct set up and a safe use of the product. TPL Vision can not be responsible for the bad use of the notice. If so, TPL Vision cancels the guarantee's effects.



### ■ UNPACKING

Products are packed in our factory, using suitable materials for a safe transport through the usual means of transportation, in France and internationally. However, a damaged package must be reported to the carrier on delivery. Handwritten reservations must be indicated on the delivery order. Moreover, please send a letter or an email to TPL Vision as soon as possible (up to 24 hours after the delivery). If the transportation damage has not been stipulated on the delivery order and reported to TPL Vision in time, the package will not be taken back nor exchanged. To open the package, do not use any cutting blade to avoid damaging the product(s). Please use the delivered accessories, if needed (do not use any other products or equivalents to replace the delivered accessories).

### ■ DIMENSIONS



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**TPL VISION**  
IS AN **ISO 9001**  
CERTIFIED MANUFACTURER

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Features and presentations liable to changes without notice.



# TIME TCONTROL USER GUIDE

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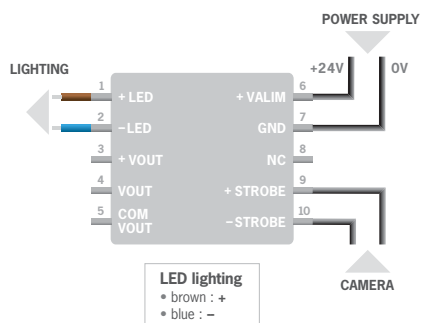


## FIXING

During the fixing time, the product has to be switched off and unplugged. The fixing is made on Rail DIN.

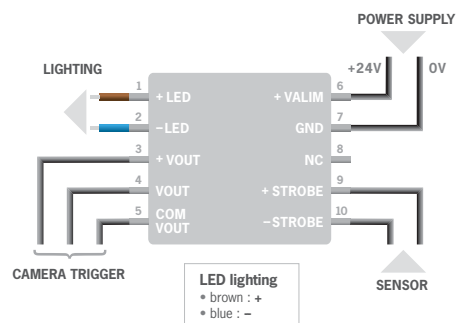
## CONNECTION

### CASE N° 1 : TRIGGERED BY CAMERA

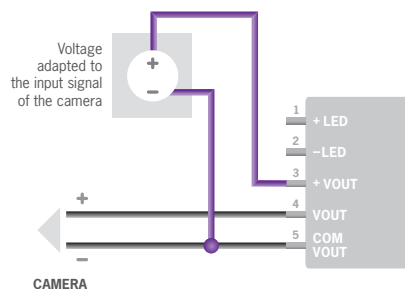


### CASE N° 2 : TRIGGERED BY EXTERNAL SENSOR

(a NO is recommended)

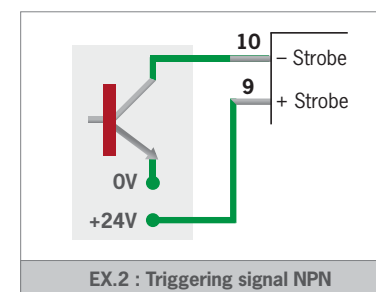
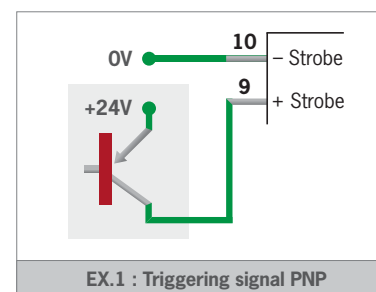


### CAMERA SYNCHRONISATION

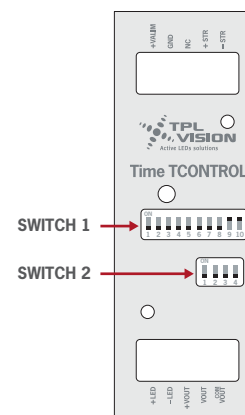


## TRIGGERING SIGNAL

### WIRING RECOMMENDATION FOR THE TCONTROL INPUT



## SETTING



### SETTING OF SWITCH 1 [1-8]

1	2	3	4	5	6	7	8	SWITCHING TIME
ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	5 ms
OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	10 ms
OFF	OFF	ON	OFF	OFF	OFF	OFF	OFF	20 ms
OFF	OFF	OFF	ON	OFF	OFF	OFF	OFF	40 ms
OFF	OFF	OFF	OFF	ON	OFF	OFF	OFF	80 ms
OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF	160 ms
OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	320 ms
OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	640 ms
ON	ON	ON	ON	ON	ON	ON	ON	2 min

Setting mode : switched on during 2 min.  
when triggered for the first time, and off after 2 min.

Combine the switches so that the sum of the pulse values is equal to the required pulse time.  
Adjustable from 5 ms to 1 000 ms, by steps of 5 ms.

EX : required value = 90 ms

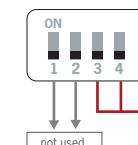
90 = 80 + 10  
switches 5 and 2 ON, and the others OFF.

### SETTING OF SWITCH 1 [9-10]

Interrupter 9:  
• ON = camera output active at high state  
• OFF = camera output active at low states

Interrupter 10:  
• ON = trigger on rising edge  
• OFF = trigger on falling edge

### SETTING OF SWITCH 2 [current]



3	4	output current
OFF	OFF	350 mA
ON	OFF	700 mA
OFF	ON	700 mA
ON	ON	1 A