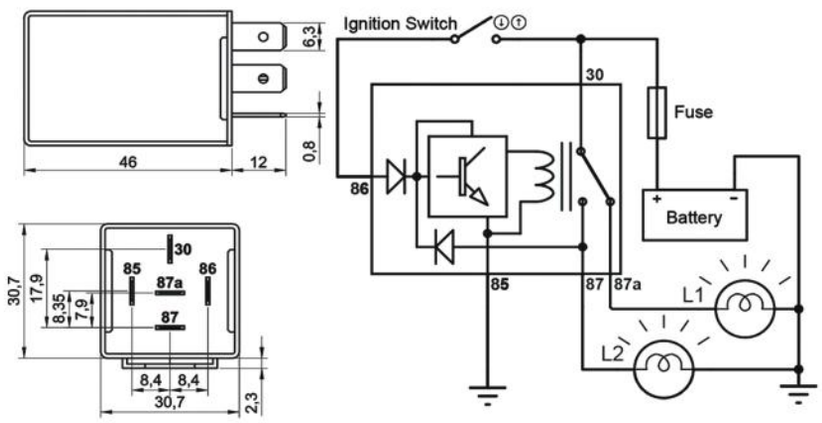
Countdown Timer Relay with Delay - Adjusted by ELO

Product Code	***201.018.011***	***- 12V***
	201.018.013	***- 24V***

Terminal Configuration & Dimensions & Diagram



Accessories

207.150.251	Socket – 5 Terminals, 5 Cables - Black (Standard cable length 20 cm & cable cross section 1,50 mm²)*
207.100.003	Socket – 5 Terminals – Black & Blue/ Pack of 2
207.100.001	Socket – 5 Terminals – Black
207.100.002	Socket – 5 Terminals – Blue

** Indicates cross section of cables carrying higher current. Please refer to* ***Socket Product Group*** *pages for different alternatives.*

Technical Data

	201.018.011	***201.018.013***
Nominal Voltage	12V	24V
Operating Voltage	9,0 - 16,0Vdc	18,0 - 30,0Vdc
Rated Continuous Load	NO 30A / NC 20A	NO 20A / NC 10A
Nominal Continuous Load	NO 360W / NC 240W	NO 480W / NC 240W
Power	1 Form C / SPDT	1 Form C / SPDT
Output Contact Structure	Adjusted by ELO with 3 different options	Adjusted by ELO with 3 different options
Time Adjustment Method	As per customer request	As per customer request
Default Time Adjustment for Countdown (Front-end Countdown)	1 - 2 - 3 minute(s)	1 - 2 - 3 minute(s)
Default Time Adjustment for Delay (Back-end Countdown)	1 minute	1 minute
Trigger Type	(+) Standard production / (-) On request	(+) Standard production / (-) On request
Dielectric Strength	>1000Vdc	>1000Vdc
Vibration	20-200Hz,5g:>10us	20-200Hz,5g:>10us
Mechanical Shock	>10g, 11ms>10us	>10g, 11ms>10us
IP Rating	IP54 DIN IEC60529	IP54 DIN IEC60529
Terminals	6,3 x 0,8mm	6,3 x 0,8mm
Terminals / Plating	Fe/E-Sn	Fe/E-Sn
Bracket / Plating	Fe/E-Zn	Fe/E-Zn
Ambient Temperature	- 40 / + 80 °C	- 40 / + 80 °C

Notes

All measurements are in milimeters.

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	201.018.013	***- 24V***

Product Details

A timer relay is required to operate a circuit, machine or mechanism for a certain period of time. The ELO Countdown Timer Relay w/ Delay does not give output immediately after it has been triggered. It starts counting the front-end time first. Once the specified countdown time is over, the relay gives an output until trigger is cut off. Once the trigger is off, it continues to give output for the duration of back-end delay period. If the relay recieves a trigger before the back-end countdown period is over, the output continues without interruption and the back-end timer is reset to 0.

Both times (front-end and back-end) are adjusted by ELO according the customer specifications. The front-end can have 3 different options where the back-end time needs to be fixed. When there is no specific customer time requests, the standard times for delay time are 1, and 3 minutes, where the output time is 1 minute.