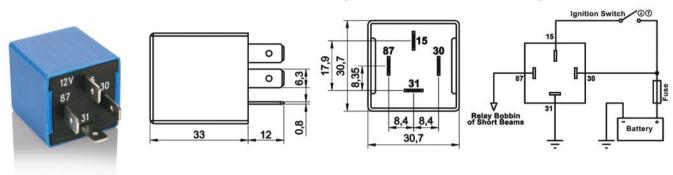
Automatic Daylight Switch On Relay

Product Code

201.013.001 - 12V

201.013.002 - 24V

Terminal Configuration & Dimensions & Diagram



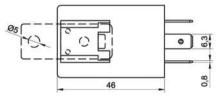
Automatic Daylight Switch On Relay w/ 20 Second Time Delay

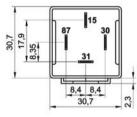
Product Code

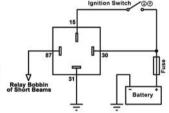
201.013.003 - 12V

201.013.004 - 24V









Accessories

207.140.251 Socket – 5 Terminals, 4 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**

Nominal Voltage		
Operating Voltage		
Rated Continuous Load		
Load Power		
Coil Current		
Waiting Period After Ignition Switch in Turned On		
Dielectric Strength		
Switching Cycles		
Vibration		
Mechanical Shock		
Terminals		
Terminals / Plating		
Bracket / Plating		
Ambient Temperature		

201.013.001	201.013.002
12V	24V
10,0 - 16,0Vdc	20,0 - 30,0Vdc
10A	5A
120W	120W
0,1A	0,05A
0 seconds	0 seconds
>1000Vdc	>1000Vdc
>100.000	>100.000
20-200Hz,5g:>10us	20-200Hz,5g:>10us
>10g, 11ms>10us	>10g, 11ms>10us
6,3 x 0,8mm	6,3 x 0,8mm
Fe/E-Sn	Fe/E-Sn
-/-	-/-
- 40 / + 80 °C	- 40 / + 80 °C

201.013.003	201.013.004
12V	24V
10,0 - 16,0Vdc	20,0 - 30,0Vdc
10A	5A
120W	120W
0,1A	0,05A
20 seconds	20 seconds
>1000Vdc	>1000Vdc
>100.000	>100.000
20-200Hz,5g:>10us	20-200Hz,5g:>10us
>10g, 11ms>10us	>10g, 11ms>10us
6,3 x 0,8mm	6,3 x 0,8mm
Fe/E-Sn	Fe/E-Sn
Fe/E-Zn	Fe/E-Zn
- 40 / + 80 °C	- 40 / + 80 °C

Notes

All measurements are in milimeters.



Automatic Daylight Switch On Relay

Product Code 201.013.001 - 12V 201.013.002 - 24V (Cont'd)

Automatic Daylight Switch On Relay w/ 20 Second Time Delay

Product Code 201.013.003 - 12V 201.013.004 - 24V (Cont'd)

Product Details

In many countries of the world, it is mandatory for vehicles in traffic, to have headlights on 24 hours a day. However, since this manual procedure for many cars, it is often forgotten. ELO Automatic Daylight Switch On Relay is a product that allows the low-beam headlights to automatically switch on as soon as the ignition is switched regardless of the time of the day, or day of the year. Similarly, the relay turns the lights off as the ignition is turned off. The only difference in relay with time delay is that it waits for 20 seconds to turn on the lights from the moment the ignition switch is turned on. Thus, when the starter is crancked, the 20 second delay is used to prevent added current drawn by the headlights onto the current drawn by the starter motor.

