

Courtesy Light Fade In / Fade Out Relay

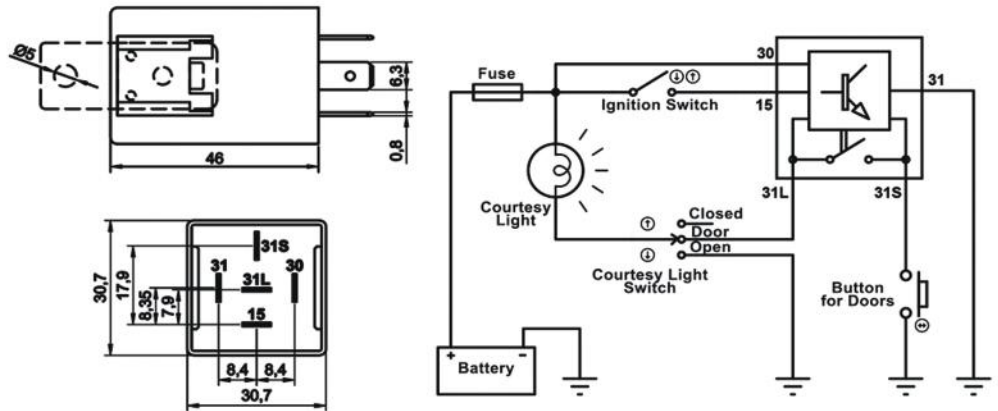
Product Code

201.014.004 - 12V

201.014.006 - 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

| | 201.014.004 | 201.014.006 |
|---|-------------------------|-------------------------|
| Nominal Voltage | 12V | 24V |
| Operating Voltage | 8,0 - 16,0Vdc | 18 - 30Vdc |
| Rated Continuous Load | 5A | 3A |
| Load Power | 60W | 72W |
| Type of Fade In / Fade Out | Increasing / Decreasing | Increasing / Decreasing |
| Period of Fade In / Fade Out | 2 seconds | 2 seconds |
| Period of Illumination When Door(s) are Open | Infinite | Infinite |
| Period of Illumination When Door(s) are Closed | 20 seconds | 20 seconds |
| 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 |

Product Details

In newer generation vehicles, the interior lighting is turned on and off softly. Besides the visual impact and comfort provided by this feature, it also makes an important contribution to safety. It is difficult for the driver to find the ignition switch slot if the interior lighting lights go off immediately. It also takes 2-3 seconds for the eye to adapt to environment when the light source is suddenly interrupted. In contrast, the adaptation period of the eye is quite shorter as the light source fades in and fades out. ELO Courtesy Light Fade In / Fade Out Relay is designed to provide this comfort and contribute to safety.

Notes

All measurements are in millimeters.

