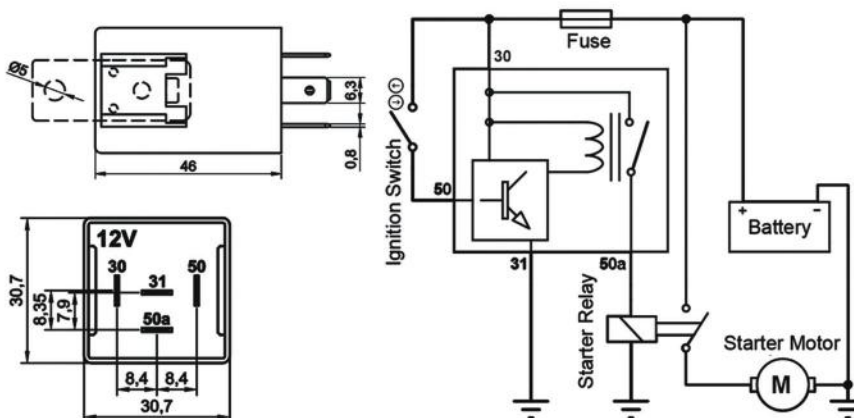


Over Cranking Prevention Relay

Product Code **201.011.009 - 12V**

Terminal Configuration & Dimensions & Diagram



Accessories

- 207.141.251 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 | 12V | Vibration | 20-200Hz,5g;>10μs |
| Operating Voltage | 10,0 - 16,0Vdc | Mechanical Shock | >10g, 11ms>10μs |
| Rated Continuous Load | 40A | IP Rating | IP54 DIN IEC60529 |
| Load Power | 480W | Terminals | 6,3 x 0,8mm |
| Cranking Period | 6 seconds | Terminals / Plating | Fe/E-Sn |
| Waiting Period | 5 seconds | Bracket / Plating | Fe/E-Zn |
| Dielectric Strength | >1000Vdc | Ambient Temperature | - 40 / + 80 °C |

Product Details

The starter motors draw a very high current during operation. If the starting process is tried repeatedly, the starter motor overheats due to this high current. In addition to heating of the starter motor, pulling excess current from the batteries for a long period time is very harmful for the life of the battery. Therefore, if the vehicle has not started after a short period of time, it is advised to wait for a while without trying to start the engine again and again. The waiting time is very important to prevent deterioration of the starter motor and the battery. However, the impatience of human nature does not allow us to wait between excessive cranking episodes. ELO Over Cranking Prevention Relay eliminates the human initiative and prevents the starter from being cranked during certain periods and if minimum waiting intervals are not followed.

Notes

All measurements are in millimeters.