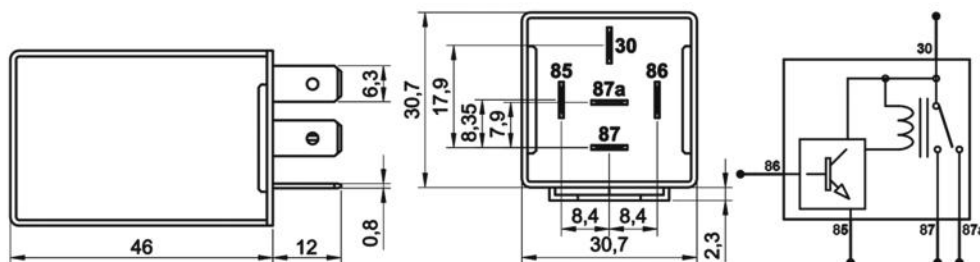


Electronic Changeover Relay

Product Code **201.003.056 - 12V**
 201.003.055 - 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

	201.003.056	201.003.055
Nominal Voltage	12V	24V
Operating Voltage	10,0 - 16,0Vdc	18,0 - 30,0Vdc
Rated Continuous Load	NO 40A / NC 30A	NO 20A / NC 15A
Contacts Arrangement / Form	1 Form C / SPDT	1 Form C / SPDT
Coil Suppression	Diode	Diode
Trigger Current	2mA	2mA
Dielectric Strength	>1000Vdc	>1000Vdc
Maximum Inrush Current	160A	100A
Switching Cycles on Resistive Load	100.000	100.000
Switching Cycles on Inductive Load (Motor) (Rated load must be deduced by 20%)	100.000	100.000
Switching Cycles on Capacitive Load (Lamp) (Rated load must be deduced by 25%)	100.000	100.000
Vibration	20-200Hz,5g:>10μs	20-200Hz,5g:>10μs
Mechanical Shock	>10g, 11ms>10μs	>10g, 11ms>10μs
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 new generation vehicles, the computer monitoring system constantly checks the current used in the electrical installation and does not allow for subsequent additions. Therefore, in cases where additional circuits are needed to be added, the coil current needs to be extremely low. ELO Electronic Changeover Relay is a special relay which has high contact current and very low coil current.

ELO Electronic Changeover Relay operates with only 2mA coil current, and has 40A open contact and 30A closed contact at 12V, 30A open contact and 20A closed contact current at 24V.

Notes

All measurements are in millimeters.

