

lock-driver 1.0

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Product description:

Lock-driver is a universal device for bistable electromechanical actuators driving in a DIN case. Primary it is an extended module used for integration to EV chargers but it can be used for every application with bistable relay or lock. For example, driving a bistable BMS relay. In combination with EVSE no additional components or config is needed, it uses a 12V power supply direct from EVSE..

Features:

- Power supply +12V from EVSE
- ±3A drive output
- Feedback sensor
- CP PWM measurement
- DIN rail mount



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Product description:

Features:

Technical specification:

User Manual:

CONNECTION DIAGRAM - EVSE wiring

Drawing:

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Technical specification:

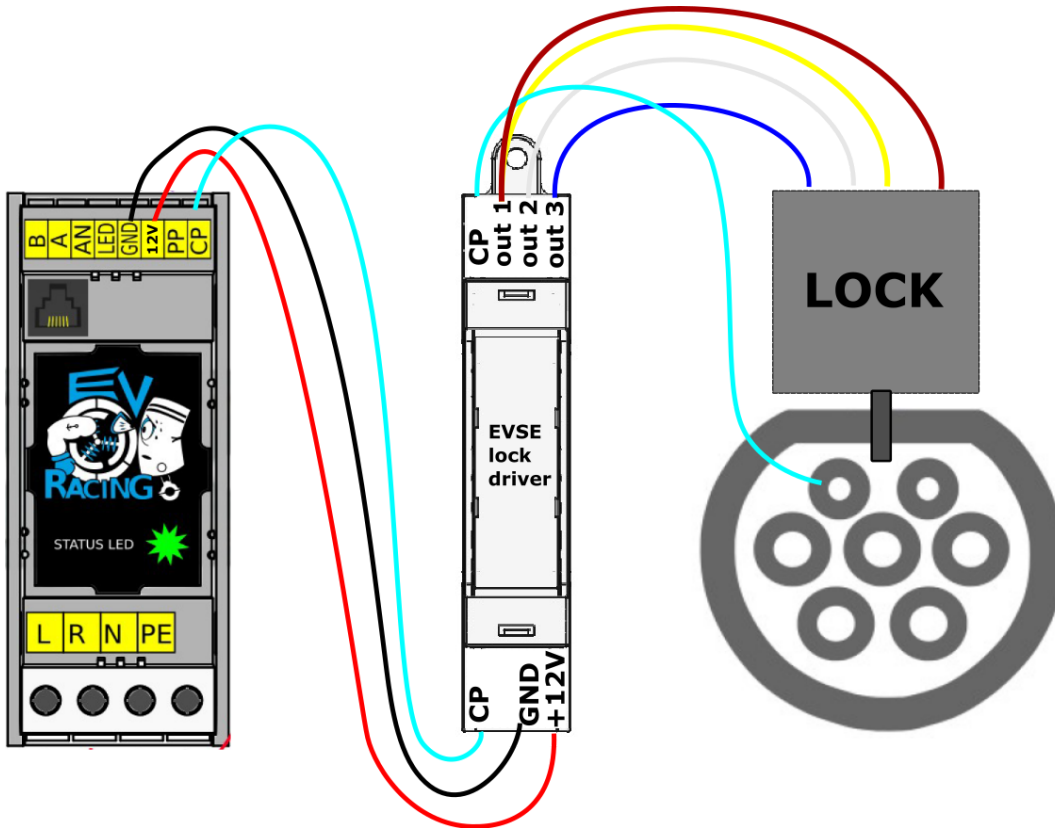
Supply voltage	12 V
Supply connection	0,25..1 mm ²
Supply input current peak	100 mA
Supply input current IDLE	<10 mA
mounting	DIN rail
Length x width x depth	90 x 18 x 65 mm
Ambient temperature during operation	-25..+40 °C
humidity	5..95 %
peak driver output current	3 A
nominal driver output voltage	dual polarity 12 V
output pulse duration	100ms



User Manual:

CONNECTION DIAGRAM - EVSE wiring

Example wiring for solenoid lock “duosida DSIEC-EL”

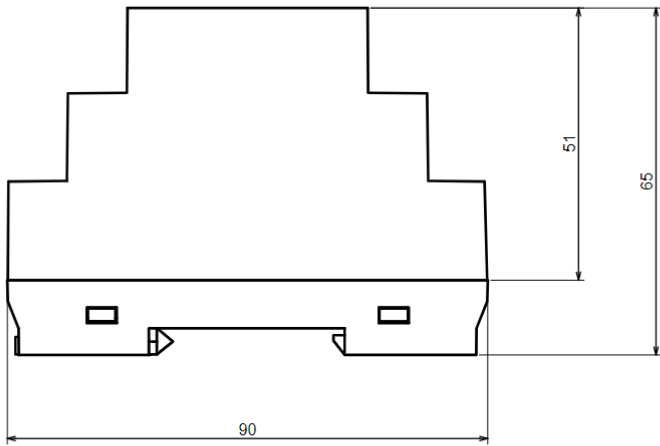


Pin name	meaning	Duosida DSIEC-EL wire colors
Out 1	Coil winding one end	red
Out 2	Coil winding second end	white
Out 3	Feedback sensor	blue

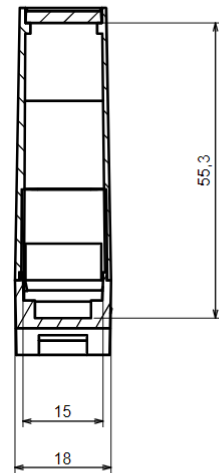


Drawing:

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A-A



A |

