



Eledux ER2302 is a pulse-controlled power relay. The relay state is set with a short control pulse (over 10ms).

The power relay can be used, for example, to cut off the power supply of the eBus system when the system requires to have minimal standby current.

Features:

- Continuous current capacity 30A
- Internal short-circuit and overcurrent protection 40A
- Relay controlled by voltage pulse > 10ms
- Power ON with 12V or 0V voltage
 - 5 inputs with 12V voltage (+ active)
 - 5 inputs 0V voltage (- active)
- Power OFF with 12V voltage
- Status LED:
 - Green: Out ON
 - Red: Out OFF, error state
 - OFF: Out OFF
 - Yellow: Out OFF, Power In connected
- Reset-button:
 - If the Status Led is red, pressing the reset button will clear the fault and the output will turn on.
 - If the Status LED is yellow, pressing the reset button will turn the output on.

Operating voltage	8-15Vdc
Current consumption	< 3mA
Operating temperature	-40°C...+80°C

Dimensions	83 x 83 x 28mm
Housing material	Alumiini
Weight	130g

Approvals: 2004/108/EU
(EMC Directive)



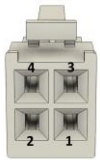


A



Liitin A: Power OUT
Molex MiniFit Sr.
1: Power – (GND)
2: Power +

B



Liitin B: Control
Molex MiniFit Jr. / Wurth WR-MPC4
1: Relé ON (- pulse)
2: NC
3: Relé ON (+ pulse)
4: Relé OFF (+ pulse)

C



Liitin C: Power IN
Molex MiniFit Sr.
1: Battery – (GND)
2: Battery +

D



Liitin D: INPUT
Molex MiniFit Jr. / Wurth WR-MPC4
1-4: Relé ON - pulse
5-8: Relé ON + pulse