

# GU1R

## Reluctance synchronous motor driver

### Description

GU1R is the reluctance synchronous motor driver designed for operation in harsh environmental conditions. May be certified on the target system to the most difficult requirements for EMC and legally required standards. It is protected from the type of burst pulses and surge to a level of 2 kV according to the relevant standards and prior to the issuance of EMC.

### Housing

GU1R has aluminium enclosure, assembly by 4 screw M4. Dimension: 120x100x37mm. Height connectors: 18mm.



### Specification

Supply voltage	24Vdc (16Vdc - 50Vdc)
Motor current	Max 6A
Frequency of current controller	30kHz
Type of current controller	Modulation delta
Cooling	fanless
Inputs/Outputs	10 inputs isolated 3 outputs relay 1 output motor
Ambient temperature	-30 °C ÷ +50 °C
Communication	RS232
Panel	6-cyfrowy 7-segmentowy 2-przyciskowy
Remote control	Aplikacja PC (Windows)
Housing	Aluminium without connectors 120x100x37 mm with connectors 120x100x55 mm
Mount	4 x M4
Immunity and emissions	EMC burst 2kV klasa A surge 2kV klasa B