

# Dimension sheet for ROBA®-brake-checker DC Type 058.600.2

(M.0586002.EN)

## Application

ROBA®-brake-checker DC monitoring modules are used to supply permitted ROBA®-stop safety brakes. Motion monitoring of the armature disk for released ROBA-stop® safety brakes is possible.

### Monitoring module ROBA®-brake-checker DC

- Fast or slow disconnection
- Preventative function monitoring (wear recognition and error recognition, functional reserve)
- Armature disk motion recognition (release and drop-out recognition)
- Continuous drop-out recognition
- Maximum output current  $I_{RMS} = 10\text{ A}$
- Maximum overexcitation current  $I_o = 16\text{ A}$
- Safe monitoring of the switching times (optional)
- Electrical isolation on the output channels

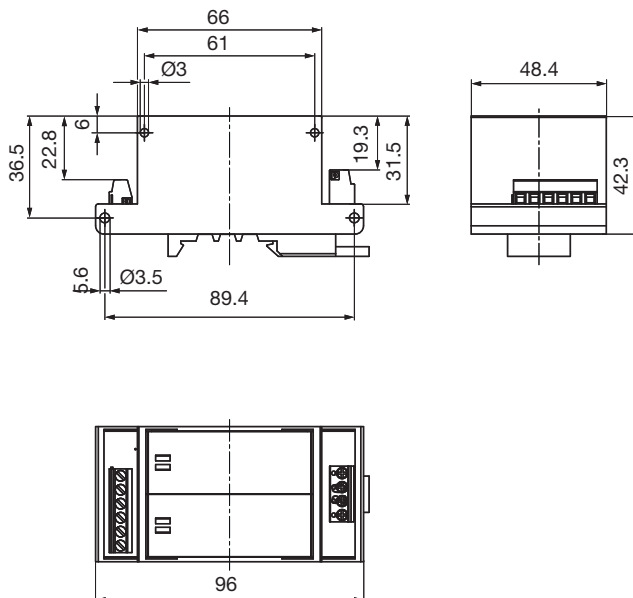


## Function

The ROBA®-brake-checker DC monitoring module is intended for use with an input voltage of 24/48 VDC. The monitoring module monitors the movement of the armature disk and emits the determined switching condition via control terminal (signal output).

Critical conditions (line breakages, wear, excess temperature) can be recognised and the respective signal can be emitted via control terminal (error output).

### Dimensions (mm)



Technical data			Size 2
Supply voltage	$U_i$	[VDC]	24 (SELV/PELV) (18 – 32)
Coil current	maximum	$I_{max}$	[A] 15
	at $\leq 45\text{ °C}$	$I_{RMS}$	[A] 10
	at $\leq 60\text{ °C}$	$I_{RMS}$	[A] 8
	at $\leq 70\text{ °C}$	$I_{RMS}$	[A] 8
Coil voltage maximum	$U_{max}$	[VDC]	50
Conformity markings			
Protection			IP20

### Order Number

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