



Standard Types

BA 9054/331

DC 0.12 ... 1.2 V

DC 24 ... 60 V

10 s

Article number:

0056172

• Measuring range:

DC 0.12 ... 1.2 V

• Auxiliary voltage:

DC 24 ... 60 V

• Time delay:

10 s

• Width:

45 mm

BA 9054/331

DC 0.12 ... 1.2 V

DC 110 ... 220 V

10 s

Article number:

0056204

• Measuring range:

DC 0.12 ... 1.2 V

• Auxiliary voltage:

DC 110 ... 220 V

• Time delay:

10 s

• Width:

45 mm

BA 9054/332

DC 0.12 ... 1.2 V

DC 200 ... 500 V

10 s

Article number:

0062251

• Measuring range:

DC 0.12 ... 1.2 V

• Auxiliary voltage:

AC 230 V

• Battery voltage:

DC 200 ... 500 V

• Time delay:

10 s

• Width:

45 mm

Ordering example

BA 9054 /33

DC 0.12...1.2 V

DC 24 ... 60 V

AC 230 V

10 s

Time delay t_v

Auxiliary voltage (only for /332) Battery-voltage

Auxiliary voltage (/331)

Measuring range

Variant

Type

Setting

- Connect the device as shown in application example

- Connect nominal voltage (battery voltage) to A1/A2 (/331 e.g. U_b /332).

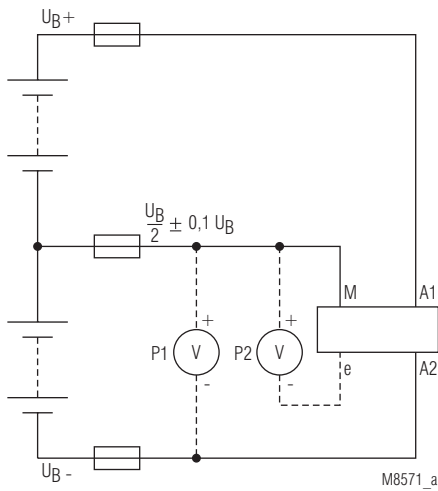
- Set potentiometer for response value to min setting (0.12 V)

- Connect auxiliary U_H (/332) to A1, A2

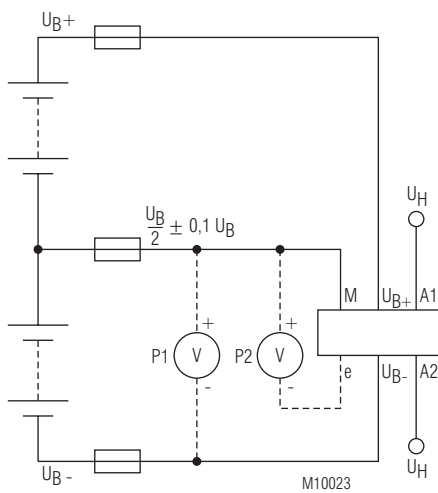
- Find the middle of the battery voltage with the potentiometers for symmetry “grob” and “fein” (tuning and fine tuning). Differences of block batteries can be adjusted up to 12 V. The correct setting is indicated by a green LED.

- Adjust potentiometer for response value to the required value. The device is now ready to use.

Application Example



BA 9054/331



BA 9054/332

Set-up

Example 1

Symmetric battery

$P1 = \frac{1}{2}$ battery voltage

Adjust P2 with tuning and fine tuning potentiometer to 0V

Example 2

60 V battery set, combination of 12 V Block batteries

$P1 = 36 \text{ V}$

Adjust P2 with tuning and fine tuning potentiometer to 0V

Example 3

Non symmetric battery (compensation of battery tolerances)

$P1 = \frac{1}{2}$ battery voltage + 200 mV

Adjust P2 with tuning and fine tuning potentiometer to 200 mV

