Bistable relay OB 5623

With 8 forcibly guided contacts for energy-efficient design

Specialized applications need relays that maintain their switching position if supply voltage fails, thereby preventing a loss of information on the current switched state. The **bistable relay OB 5623**, with its unique construction, was developed for these applications. In addition, this relay stands out for its good vibration and shock resistance.

Short switching pulses of just a few milliseconds bring the relay into a defined switched position. Only a low rated power of 1.2 W (lock) and 0.7 W (unlock) is required. The holding power is 0 Watt! This saves a large amount of energy and reduces self-heating. Designing today, for tommorrow. Let the energy revolution come.

The special feature of forcibly guided contacts (DIN EN 61810-3) enables reliable detection of the contact position. These features make the OB 5623 destined for use in challenging applications. If desired, you can purchase the relay as a manually-operated version (switch position indicator). Both designs of the OB 5623 offer a temperature range of up to 75° C. They are available with contact materials silver-nickel (AgNi) or silver-nickel + hard gold plating.

Advantages and customer benefit

- Energy efficient
  Low rated power to change the switching position, no holding power
- Optionally available with contact opening 1.0 mm in fault free condition
- Forcibly guided contacts in accordance with DIN EN 61810-3
- Compact size, short overall height 15.8 mm
- Safe separation between all circuits;
  For applications at contamination level: 2; with rated insulation voltage 250 V
- Wide temperature range
- Optionally available with manual activation (switched position display)

DOLD

Our experience. Your safety.

Bistable relay OB 5623

Technical features	OB 5623
Overall height	15.8 mm
Base area	83 x 22 mm
Rated consumption	1.2 W / 0.7 W
Switching current	10 mA to 8 A
Contacts	8 4NO/4NC, others upon request
Contact material	AgNi, AgNi + hard gold plating
Temperature range	- 40 … + 75° C
Approvals	TÜV

OB 5623
With manual activation

OB 5623
Without manual activation

Order information

The contact materials AgNi and AgNi + hard gold plating are available. When used with our popular mini crown, currents from 10 mA to 8 A can be switched reliably. Since almost all coil voltages between 6 V and 110 V are available, you will receive a bistable relay designed for your specific application.
Please feel free to ask any questions you may have.

Areas of application

- Railway and signaling technologies
- Automation
- Medical devices
- Radio and remote control technology
- Firing technology
- Process technology

The right relay for your application. Bistable relays from DOLD are available in a wide range of contact variants and designs.
And what can we do for you?

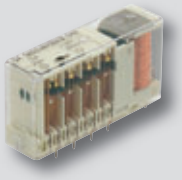
Bistable relays in compact design

OR 5691

OB 5693

OB 5694

Safety relays with forcibly guided contacts



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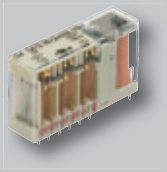

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OA 5621
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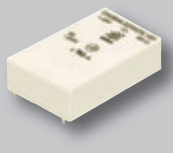

OA 5642
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OA 5667

OA 5669
OA 5670

Further information

OB 5623 Start

www.dold.com

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