

# Contacts

## Bosch micro-contact 0.6-D

### General information

#### Illustration



#### Technical description

The Bosch micro-contact 0.6-D (BMK 0.6-D) is a box-type contact used for 0.635 mm post contacts. It is designed for use in heavy-duty plug-in connections, particularly for diesel engines and diesel assemblies. The contact features a load-reducing decoupling mechanism and a steel overspring.

The tinned version of the BMK 0.6-D contact is suitable for temperatures up to max. 130°C or up to 150°C if gold-plated. The primary locking function is provided by the locking spring arrangement at the steel overspring. A 180° change in contact fitting position is possible, and also secondary locking.

#### Features

- ▶ For close contact spacing
- ▶ High long-term thermal stability (up to 150°C, Au surface)
- ▶ Secondary locking possible
- ▶ High vibration resistance
- ▶ Suitable for use with silicone gel seal

#### Technical features

- ▶ Wire cross-sections: 0.35...0.75 mm<sup>2</sup>
- ▶ Contact spacing: 2.5 mm
- ▶ Row spacing: 2.5 mm (4 mm)
- ▶ Temperature range:
  - 40° C...+130° C (tinned version)
  - 40° C...+150° C (gold-plated version)
- ▶ Wiring seal: Silicone gel seal
- ▶ Rated voltage: 20 mV...40 V (DC)
- ▶ Current-carrying capacity: Max. 6 A (at 90° C and with Au surface)
- ▶ Packaging unit: 11,000x disposable coils

All currently applicable quotation drawings and technical customer documentation for the Bosch micro-contact 0.6-D product category can be found in the internet under [www.bosch-connectors.com](http://www.bosch-connectors.com).

### BMK 0.6-D

#### Illustration



#### Technical data

Type of contact	Box-type contact
Contact spacing	2.5 mm
Type of locking (contacts)	By a locking-spring arrangement at the steel overspring
Row spacing	3.5 mm
Contact surface	Gold-plated
Wire cross-section	0.5 - 0.75 mm <sup>2</sup>
Wiring seal	Silicone gel seal
Rated voltage, from/to	20 mV (DC) / 40 V (DC)
Current-carrying capacity:	Max. 3 A

#### Product information

Product code	<b>KONT-BMKD-AU</b>
Designation	Contact
Part number	1 928 498 006
Quotation drawing	D 928 002 84A

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##### Technical data

Type of contact	Box-type contact
Contact spacing	2.5 mm
Type of locking (contacts)	By a locking-spring arrangement at the steel overspring
Row spacing	3.5 mm
Contact surface	Gold-plated
Wire cross-section	0.35 mm <sup>2</sup>
Wiring seal	Silicone gel seal
Rated voltage, from/to	20 mV (DC)/ 40 V (DC)
Current-carrying capacity	Max. 3 A
Other features (SO)	For CAN wires

##### Product information

Product code	<b>KONT-BMKD-AU</b>
Designation	Contact
Part number	1 928 498 008
Quotation drawing	D 928 002 84A