

Contacts

Bosch micro-contact 1.5-D

General information

Illustration



Technical description

The Bosch micro-contact 1.5-D (BMK 1.5-D) is a box-type contact used for 1.5 x 0.63 mm blade 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 1.5-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 two locking springs at the steel overspring. A 180° change in contact fitting position is possible, and also secondary locking.

Features

- ▶ Load-reducing decoupling mechanism
- ▶ 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: 0.75...2.5 mm²
- ▶ Contact spacing:
 - Horizontal 4.5 mm
 - Row spacing: 4.3 mm (two rows)
- ▶ 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. 7 A (at 110° C and with Au surface)
- ▶ Packaging unit: 3,500x disposable coils

All currently applicable quotation drawings and technical customer documentation for the Bosch micro-contact 1.5-D product category can be found in the internet under www.bosch-connectors.com.

BMK 1.5-D

Illustration



Technical data

Type of contact	Box-type contact
Contact spacing	4.5 mm
Type of locking (contacts)	By 2 locking springs at the steel overspring
Row spacing	4.3 mm
Contact surface	Gold-plated
Wire cross-section	1.0 - 1.5 mm ²
Wiring seal	Silicone gel seal
Rated voltage, from/to	20 mV (DC)/ 40 V (DC)
Current-carrying capacity:	Max. 7 A

Product information

Product code	KONT-BMKD-AU
Designation	Contact
Part number	1 928 498 007
Quotation drawing	D 928 002 85A

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Bosch micro-contact 1.5-D

Disassembly tool for BMK 1.5-D

Illustration



Technical data

Type of contact	Box-type contact
Contact spacing	4.5 mm
Type of locking (contacts)	By 2 locking springs at the steel overspring
Row spacing	4.3 mm
Wire cross-section	0.75...2.5 mm ²
Wiring seal	Silicone gel seal
Rated voltage, from/to	20 mV (DC)/ 40 V (DC)
Current-carrying capacity	Max. 7 A

Product information

Product code	VAFK
Designation	General connection systems, external customers
Part number	1 928 498 114
Quotation drawing	D 928 002 85A