

Contacts

Bosch micro-contact 0.6

General information



Technical description

The Bosch micro-contact 0.6 (BMK 0.6) for 0.635 mm post contacts is specially designed for use in confined spaces. It has two contact springs and a steel overspring for greater contact force. The tinned version of the BMK 0.6 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 overspring. A 180° change in contact fitting position and secondary locking in the area between the contact element and the crimp zone are possible.

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 mm²
- ▶ 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 product category can be found in the internet under www.bosch-connectors.com.

BMK 0.6



Technical data

Type of contact	Post contact
Contact spacing	2.5 mm
Secondary lock	Sliding pin
Type of locking (contacts)	By a locking spring arrangement at the overspring
Row spacing	2.5 mm
Contact surface	Tinned
Wire cross-section	0.35 - 0.5 mm ²
Wiring seal	Silicone gel seal
Rated voltage, from/to	20 mV (DC)/ 40 V (DC)
Current-carrying capacity	Max. 6 A

Product information

Product code	KONT-BMK-SN/AG
Designation	Contact
Part number	1 928 498 000
Quotation drawing	C 928 001 99A

Contacts

Bosch micro-contact 0.6

BMK 0.6

Illustration



Product information

Product code	KONT-BMK-SN/AG
Designation	Contact
Part number	1 928 498 001
Quotation drawing	C 928 001 99A

Technical data

Type of contact	Post contact
Secondary lock	Sliding pin
Type of locking (contacts)	By a locking spring arrangement at the overspring
Row spacing	2.5 mm
Contact surface	Tinned
Wire cross-section	0.5 - 0.75 mm ²
Wiring seal	Silicone gel seal
Rated voltage, from/to	20 mV (DC)/ 40 V (DC)
Current-carrying capacity	Max. 6 A

BMK 0.6

Illustration



Product information

Product code	KONT-BMK-AU
Designation	Contact
Part number	1 928 498 002
Quotation drawing	C 928 001 99A

Technical data

Type of contact	Post contact
Contact spacing	2.5 mm
Secondary lock	Sliding pin
Type of locking (contacts)	By a locking spring arrangement at the overspring
Row spacing	2.5 mm
Contact surface	Gold-plated
Wire cross-section	0.35 - 0.5 mm ²
Wiring seal	Silicone gel seal
Rated voltage, from/to	20 mV (DC)/ 40 V (DC)
Current-carrying capacity	Max. 6 A

BMK 0.6

Illustration



Product information

Product code	KONT-BMK-AU
Designation	Contact
Part number	1 928 498 003
Quotation drawing	C 928 001 99A


Technical data

Contact spacing	2.5 mm
Secondary lock	Sliding pin
Type of locking (contacts)	By a locking spring arrangement at the overspring
Row spacing	2.5 mm
Contact surface	Gold-plated
Wire cross-section	0.5 - 0.75 mm ²
Wiring seal	Silicone gel seal
Rated voltage, from/to	20 mV (DC)/ 40 V (DC)
Current-carrying capacity	Max. 6 A

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Bosch micro-contact 0.6

BMK 0.6

Illustration	
	
Product information	
Product code	KONT-BMK-AU
Designation	Contact
Part number	1 928 498 005
Quotation drawing	C 928 001 99A


Technical data	
Type of contact	Post contact
Contact spacing	2.5 mm
Type of locking (contacts)	By a locking spring arrangement at the overspring
Row spacing	2.5 mm
Contact surface	Gold-plated
Wire cross-section	0.35 - 0.5 mm ²
Wiring seal	Silicone gel seal
Rated voltage, from/to	20 mV (DC)/ 40 V (DC)
Current-carrying capacity	Max. 6 A
Other features (SO)	For CAN cable

BMK 0.6

Illustration	
	
Product information	
Product code	KONT-BMK-SN/AG
Designation	Contact
Part number	1 928 498 013
Quotation drawing	A 928 000 654

Technical data	
Type of contact	Post contact
Contact spacing	2.5 mm
Type of locking (contacts)	By a locking spring arrangement at the overspring
Row spacing	2.5 mm
Contact surface	Tinned
Wire cross-section	0.35 - 0.5 mm ²
Wiring seal	Silicone gel seal
Rated voltage, from/to	20 mV (DC)/ 40 V (DC)
Current-carrying capacity	Max. 6 A

BMK 0.6

Illustration	
	
Product information	
Product code	KONT-BMK-SN/AG
Designation	Contact
Part number	1 928 498 014
Quotation drawing	A 928 000 654

Technical data	
Type of contact	Post contact
Contact spacing	2.5 mm
Type of locking (contacts)	By a locking spring arrangement at the overspring
Row spacing	2.5 mm
Contact surface	Tinned
Wire cross-section	0.5 - 0.75 mm ²
Wiring seal	Silicone gel seal
Rated voltage, from/to	20 mV (DC)/ 40 V (DC)
Current-carrying capacity	Max. 6 A

Contacts

Bosch micro-contact 0.6

BMK 0.6

Illustration



Product information

Product code	KONT-BMK-AU
Designation	Contact
Part number	1 928 498 015
Quotation drawing	A 928 000 654

Technical data

Type of contact	Post contact
Contact spacing	2.5 mm
Type of locking (contacts)	By a locking spring arrangement at the overspring
Row spacing	2.5 mm
Contact surface	Gold-plated
Wire cross-section	0.35 - 0.5 mm ²
Wiring seal	Silicone gel seal
Rated voltage, from/to	20 mV (DC)/ 40 V (DC)
Current-carrying capacity	Max. 6 A

BMK 0.6

Illustration



Product information

Product code	KONT-BMK-AU
Designation	Contact
Part number	1 928 498 016
Quotation drawing	A 928 000 654

Technical data

Type of contact	Post contact
Contact spacing	2.5 mm
Type of locking (contacts)	By a locking spring arrangement at the overspring
Row spacing	2.5 mm
Contact surface	Gold-plated
Wire cross-section	0.5 - 0.75 mm ²
Wiring seal	Silicone gel seal
Rated voltage, from/to	20 mV (DC)/ 40 V (DC)
Current-carrying capacity	Max. 6 A

Disassembly/extraction tool for BMK 0.6 mm

Illustration



Product information

Product code	VAFK
Designation	General connection systems, external customers
Part number	1 928 498 106
Quotation drawing	A 928 000 634

Technical data