# Contacts

Bosch damping contact 2.8

### **General information**



#### **Technical description**

The Bosch damping contact 2.8 (BDK 2.8) is a flat contact for  $2.8 \times 0.8$  mm blade contacts. A special spring mechanism protects the contact point against fretting.

The BDK 2.8 was developed for plug-in connections subjected to high levels of vibration (direct engine attachment). The tinned version of the 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. Secondary locking is possible from four sides between the contact element and the crimping area and from two sides in the area in front of the locking springs.

#### Features

- ► For high vibration loading
- ▶ Suitable for use up to 150°C (Au surface)
- Secondary locking possible
- ▶ 4 contact points

#### **Technical features**

- ▶ Wire cross-sections: 0.5...2.5 mm<sup>2</sup>
- Contact spacing: 5 mm
- Row spacing: 5 mm (5.5 mm)
- Temperature range:
  - -40° C...+130° C (tinned version) -40° C...+150° C (gold-plated version)
- Wiring seal: Individual wire seal
- Rated voltage: 20 mV...40 V (DC)
- Current-carrying capacity: Max. 14 A (at 90° C and with Au surface)
- ▶ Packaging unit: 4,500x disposable coils

All currently applicable quotation drawings and technical customer documentation for the Bosch damping contact 2.8 product category can be found in the internet under <u>www.bosch-connectors.com</u>.

### **Bosch damping contact 2.8**



Type of contact	Flat contact
Contact spacing	5 mm
Row spacing	5 mm
Contact surface	Gold-plated
Wire cross-section	0.5 - 1.0 mm <sup>2</sup>
Wiring seal	Individual wire seal
Rated voltage, from/to	20 mV (DC)/ 40 V (DC)
Current-carrying capacity:	max. 25 A (Au, Ag)

# Contacts

Quotation drawing

Bosch damping contact 2.8

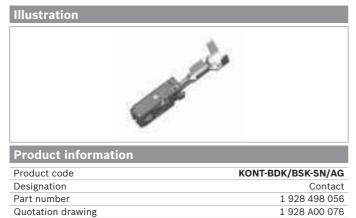
### **Bosch damping contact 2.8**

Illustration	
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Product information	
Product code	KONT-BDK/BSK-AU
Designation	Contact
Part number	1 928 498 055

1 928 A00 076

Technical data	
Type of contact	Flat contact
Contact spacing	5 mm
Row spacing	5 mm
Contact surface	Gold-plated
Wire cross-section	1.5 - 2.5 mm <sup>2</sup>
Wiring seal	Individual wire seal
Rated voltage, from/to	20 mV (DC)/ 40 V (DC)
Current-carrying capacity	max. 25 A (Au, Ag)

# **Bosch damping contact 2.8**



Technical data			
Type of contact	Flat contact		
Contact spacing	5 mm		
Row spacing	5 mm		
Contact surface	Tinned		
Wire cross-section	0.5 - 1.0 mm <sup>2</sup>		
Wiring seal	Individual wire seal		
Rated voltage, from/to	20 mV (DC)/ 40 V (DC)		

# **Bosch damping contact 2.8**



Technical data		
Type of contact	Flat contact	
Contact spacing	5 mm	
Row spacing	5 mm	
Contact surface	Tinned	
Wire cross-section	1.5 - 2.5 mm <sup>2</sup>	
Wiring seal	Individual wire seal	
Rated voltage, from/to	20 mV (DC)/ 40 V (DC)	

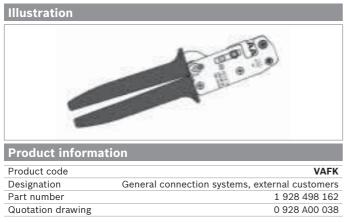
# Contacts

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# Hand crimping tool for BDK/BSK 2.8

Illustration			
	e males		
Product inform	ation		
Product code	VAFK		
Destauration	General connection systems, external customers		
Designation	General connection systems, external customers		
Part number	1 928 498 161		

Hand	crimping	tool	for	BDK/	/BSK	2.8
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0.5; 0.75; 1 mm<sup>2</sup>

Technical data Wire cross-section

Technical data		
Type of contact	Flat contact	
Wire cross-section	1.5 - 2.5 mm <sup>2</sup>	

## Disassembly/extraction tool for BDK/BSK 2.8 mm

Illustration		Technical data
	A CONTRACTOR	
Product informat	tion	
Product code	VAFK	
Designation	General connection systems, external customers	
Part number	1 928 498 167	
Quotation drawing	A 928 000 635	