

DIN-Signal Kontakt BC,F,PL1,Einzel



Part number	09 02 000 8474
Specification	DIN-Signal Kontakt BC,F,PL1,Einzel
HARTING eCatalogue	https://b2b.harting.com/09020008474

Image is for illustration purposes only. Please refer to product description.

Identification

Category	Contacts
Series	DIN 41612
Type of contact	Crimp contact
Contacts for	DIN 41612 Type B DIN 41612 Type C DIN 41612 Type 2C DIN 41612 Type 3C
Features	lead-free
Version	
Gender	Female contact
Manufacturing process	Stamped contacts
Details	Attention: Single contacts are only recommended for repair and maintenance. For series production we recommend the identical contacts on reel.
Pack contents	Single contact
Technical characteristics	
Conductor cross-section	0.09 0.5 mm²
Conductor cross-section	AWG 28 AWG 20
Wire outer diameter	0.7 1.5 mm
Operating current	≤2 A
Contact resistance	≤20 mΩ
Stripping length	3.5 4 mm
Performance level	1 acc. to IEC 60603-2

Page 1 / 3 | Creation date 2022-08-06 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com Product data sheet 09 02 000 8474 DIN-Signal Kontakt BC,F,PL1,Einzel



Technical characteristics

Mating cycles	≥500
Material properties	
Material (contacts)	Copper alloy
Surface (contacts)	Noble metal over Ni Mating side Ni Termination side
RoHS	compliant
ELV status	compliant
China RoHS	e
REACH Annex XVII substances	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Not contained
California Proposition 65 substances	Yes
California Proposition 65 substances	Nickel
Specifications and approvals	
Specifications	IEC 60603-2 (complementary)
O anno ann à chuide ta	

Commercial data

Packaging size	1,000
Net weight	0.1 g
Country of origin	Germany
European customs tariff number	85366990
GTIN	5713140002975
eCl@ss	27440204 Contact for industrial connectors

Page 2 / 3 | Creation date 2022-08-06 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com Product data sheet 09 02 000 8474 DIN-Signal Kontakt BC,F,PL1,Einzel

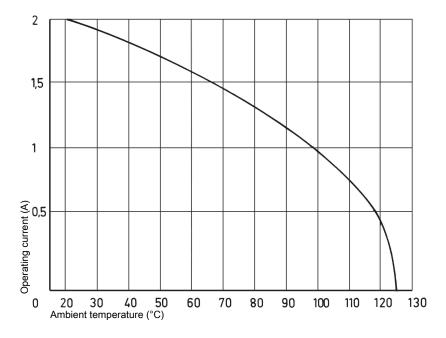


Since 1945

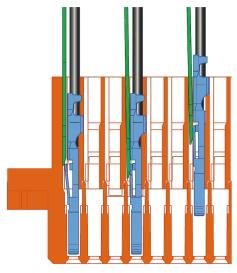
Current carrying capacity

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. The derating curve is therefore valid for currents which flow constantly (nonintermittent) through each contact element of the connector evenly, without exceeding the allowed maximum temperature.

Measuring and testing techniques acc. to IEC 60512-5-2



Installation of crimp contacts



Fitting the crimp contacts:

After crimping the wires onto the contacts with the help of a crimping tool or an automatic crimping machine the contacts should be correctly oriented and inserted into the cavities of the connector moulding in the required configuration. They snap into position and are firmly held in place. A light pull on the wire assures the correct tensile strength of the contact. When using stranded wires with a gauge below 0.37 mm² an insertion tool is necessary.Insertion tool part number: 09 99 000 0100

Insertion tool part number: 09 99 000 0100

Removing the crimp contacts:

The removal tool is inserted into a slot on the side of the respective crimp cavity. This action compresses the contact retaining spring therefore the contact can then be easily withdrawn using a light pull on the wire. This action will cause no damange to the contact / wire which can be repositioned / refitted as necessary. The drawing demonstrates the crimp removal procedure (max. 5x).

Removal tool part number: 09 99 000 0101

Page 3 / 3 | Creation date 2022-08-06 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany

Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com