

Product data sheet

Power connectors

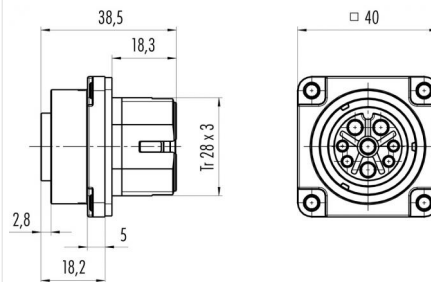


Product description	Bajonett HEC female panel mount connector, Contacts: 4+3+PE, unshielded, crimp (Crimp contacts must be ordered separately), IP68/IP69K, UL, VDE
Area	Bajonett HEC series 696
Order number	09 6504 000 08

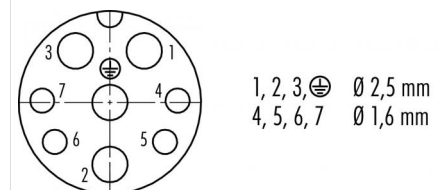
Illustration



Scale drawing



Contact arrangement (Plug-in side)



You can find the component part drawing and assembly instructions on the next page.

Technical data

General values

Connector design	female panel mount connector
Connector locking system	Bayonet
Termination	crimp (Crimp contacts must be ordered separately)
Wire gauge (mm)	0.14 - 2.50 mm ²
Wire gauge (AWG)	AWG 26 - 14
Upper limit temperature	100 °C
Lower limit temperature	-40 °C
Customs tariff number	85369010

Electrical values

Rated current (40 °C)	3 A signal / 25 A Power (20 A UL)
Rated voltage	60 V Signal / 400 V Power V
Rated impulse voltage	1000 V
Pollution degree	3
Overvoltage category	III
Insulating material group	I
Insulation resistance	> 10 ⁸ Ω
EMC compliance	unshielded
Degree of protection	IP68/IP69K
Mechanical operation	> 1000 Mating cycles

Material

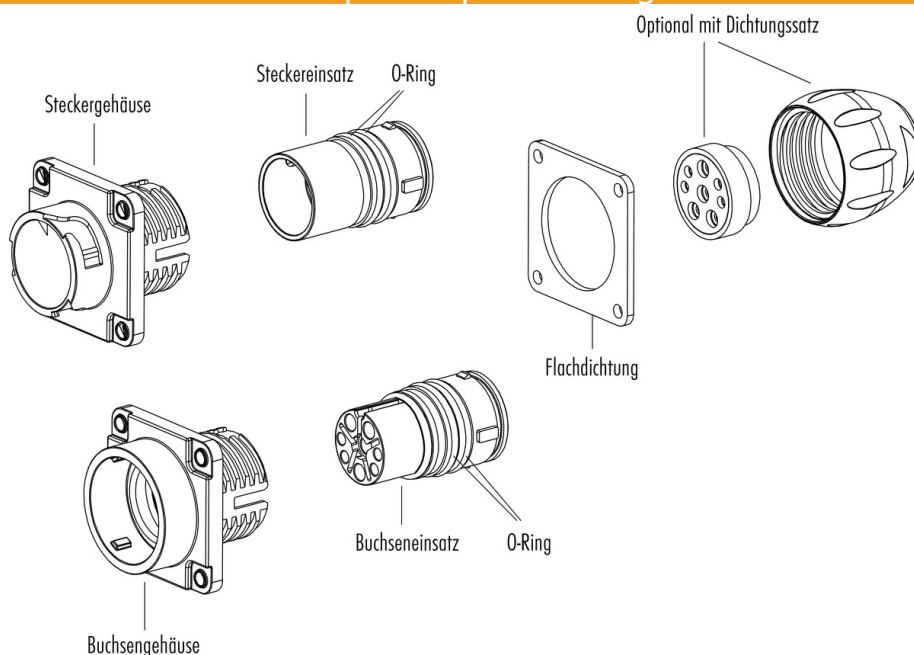
Contact material	depending on crimp contact (accessory)
Contact plating	depending on the crimp contact (accessory)
Contact body material	PA
Housing material	PA
Locking material	PA
REACH SVHC	None (No pollutants)

authorization/approvals

Approval 1	UL
Approval 2	VDE

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Component part drawing



Assembly instructions / Panel cut-out

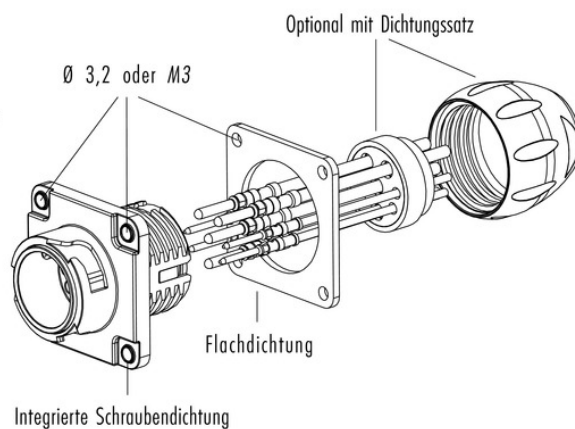
1. Einzellitzen auf 7mm abisolieren.
2. Kontakte ancrimpen. *
3. Angecrimpte Kontakte bis zum Einrasten in den Kontaktkörper eindrücken.
- 3.1. Optional bei Verwendung der Litzendichtung:

Benötigte Kammern der Litzendichtung mit einem spitzen Gegenstand durchstoßen und über die Kontakte auffädeln. Kontakte in den Kontaktkörper eindrücken, die Litzendichtung flach an den Körper auflegen und anschließend mit der Druckschraube festschrauben.
4. Die Druckschraube über das Litzenbündel aufschieben und anschließend festschrauben. (empfohlenes Drehmoment 40cNm)

Lösen der Kontakte:

Da die Kontakte schwimmend gelagert sind, lässt sich das Lösewerkzeug mit leichten Pendelbewegungen bis auf Anschlag einführen. Danach zum Lösen den Ausdrückknopf betätigen.

* Crimpzange Bestell-Nr.	66 0003 001
Lösewerkzeug Kontakt	Ø 1,6mm 66 0004 001
	Ø 2,5mm 66 0011 001



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Security notices

The connector must not be plugged or unplugged under load. Non-observance and improper use can result in personal injury.

The connectors have been developed for applications in plant engineering, control and electrical equipment construction. The user is responsible for checking whether the connectors can also be used in other areas of application.