

Product	Contacts 8(4 + 3+PE): male panel mount connector	Area	Bajonett HEC Power Series 696
Pole	8	Article number	09 6503 000 08

Illustration	Scale drawing	Contact Arrangement																											
		<table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th></th> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr><td>1</td><td>-3,68</td><td>5,50</td></tr> <tr><td>2</td><td>0</td><td>-6,60</td></tr> <tr><td>3</td><td>3,68</td><td>5,50</td></tr> <tr><td>4</td><td>-7,25</td><td>0,20</td></tr> <tr><td>5</td><td>-5,90</td><td>-4,20</td></tr> <tr><td>6</td><td>5,90</td><td>-4,20</td></tr> <tr><td>7</td><td>7,25</td><td>0,20</td></tr> <tr><td>PE</td><td>0</td><td>0</td></tr> </tbody> </table> <p style="margin-left: auto; margin-right: auto;"> 1, 2, 3, ⊕ ∅ 2,5 mm 4, 5, 6, 7 ∅ 1,6 mm </p>		X	Y	1	-3,68	5,50	2	0	-6,60	3	3,68	5,50	4	-7,25	0,20	5	-5,90	-4,20	6	5,90	-4,20	7	7,25	0,20	PE	0	0
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You can find the item description and assembly instruction on the next page.

Technical data

Common values

Connector Design	Male panel mount connector
Connector locking system	Bayonet
Termination	Crimp
Wire gauge (mm)	see crimp contacts under accessories
Upper temperature	100 °C
Lower temperature	-40 °C

Electrical values

Rated impulse voltage	5000 V
Pollution degree	3
Overvoltage category	III
Material group	I,II
Rated current (40°C)	3 A Signal, 25 A Power (20 A UL)
Volume resistivity	≤ 8 mΩ
Degree of protection	IP68/IP69K
Mechanical operation	> 1000 mating cycles

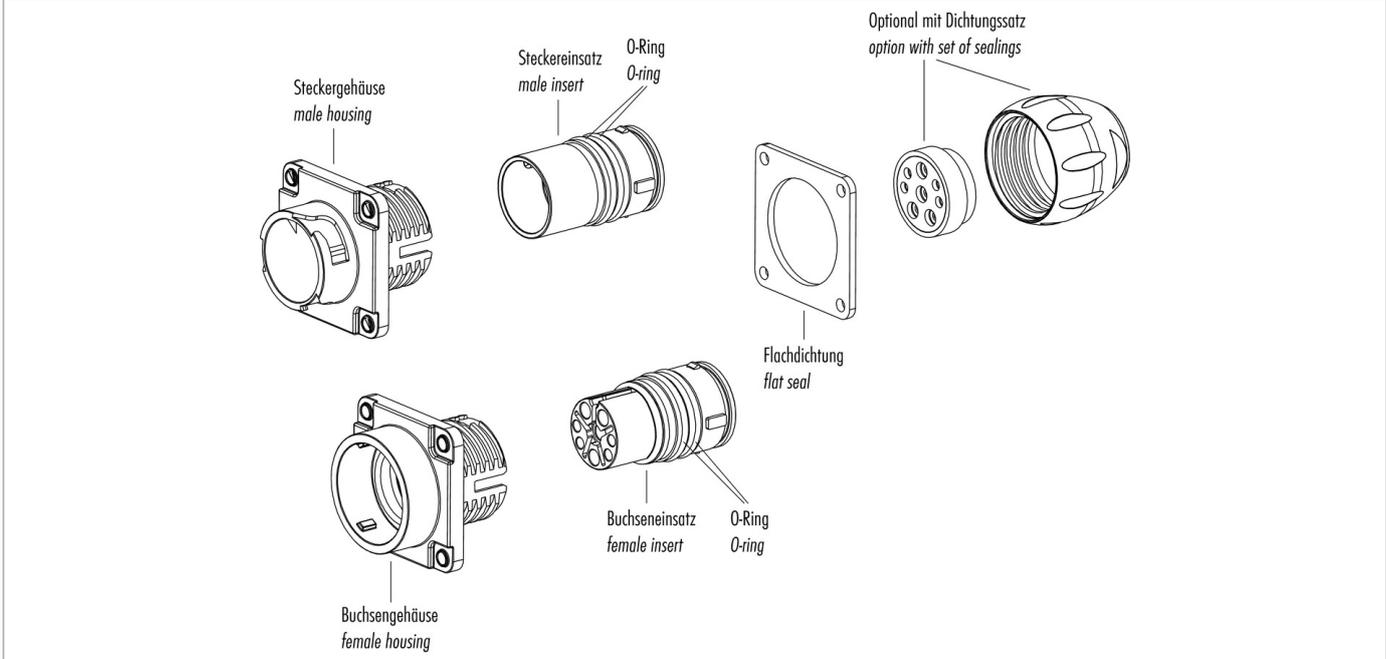
Material

Material of contact	-
Contact plating	Ag (Silver)
Material of contact body	PA
Material of housing	PA

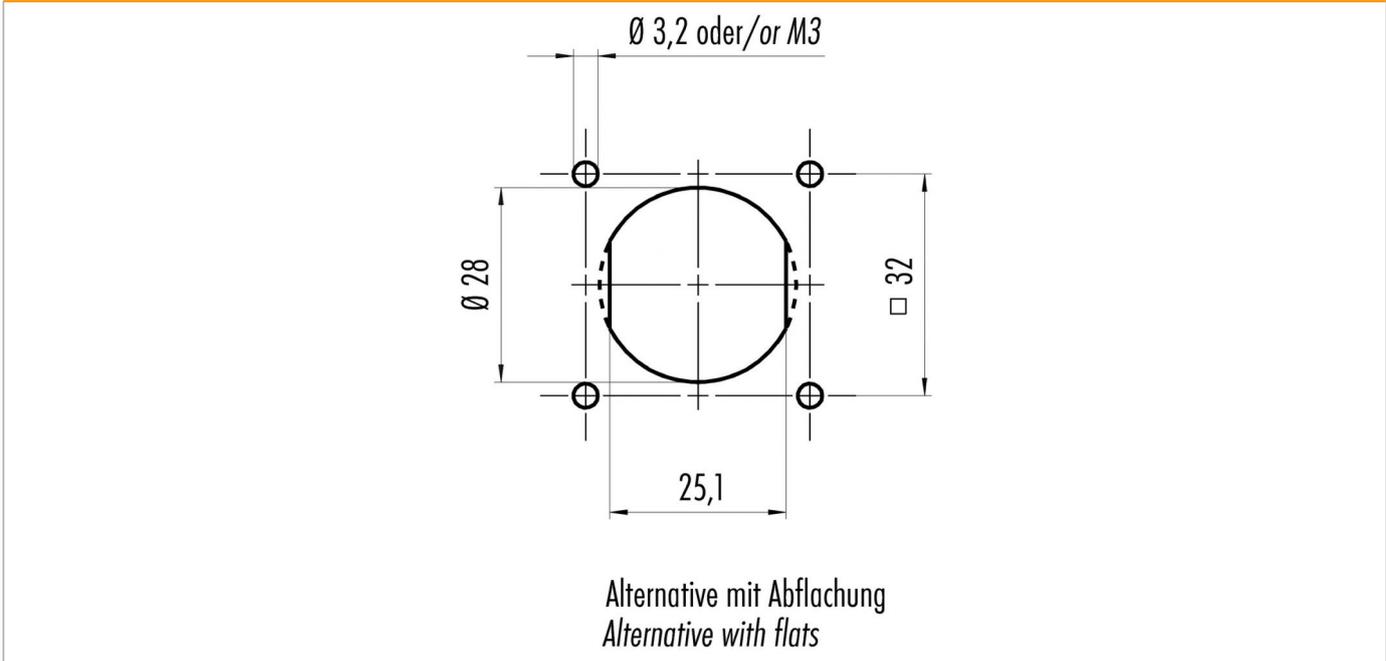
Contacts 8(4 + 3+PE): male panel mount connector, rated voltage: 60 V Signal, 400 V Power

Product	Contacts 8(4 + 3+PE): male panel mount connector	Area	Bajonett HEC Power Series 696
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Item description



Installation instructions / Mounting cutout



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Installation instructions / Mounting cutout

1. Einzellitzen auf 7mm absolieren.
2. Kontakte ancrimpen.*
3. Angecrimpte Kontakte bis zum Einrasten in den Kontaktkörper eindrücken.
- 3.1. Optional bei Verwendung der Litzenabdichtung:
Benötigte Kammern der Litzenabdichtung mit einem spitzen Gegenstand durchstoßen und über die Kontakte aufhüpfeln. Kontakte in den Kontaktkörper eindrücken, die Litzenabdichtung flach an den Körper auflegen und anschließend mit der Druckschraube festschrauben.
4. Die Druckschraube über das Litzenbündel aufschrauben 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

1. Strip single wires to 7mm.
2. Crimp contacts to wires.*
3. Press crimped contacts into contact carrier until they snap into place.
- 3.1. Option when using the single wire seal:
Pierce through the needed sections of the single wire sealings with a pointed device or tool and then bead them over the contacts. Then press contacts into the contact carrier, lay the single wire sealings flat onto the contact carrier and finally fix it with the pressing screw.
4. Push the pressing screw over the bundle of single wires and fix it afterwards by screwing.
(recommended torque 40 cNm)

Extracting the contacts:
As the contacts are full floating the extraction tool can be inserted with slight pendular movements to block. Afterwards press the extraction button.

* Crimping tool ordering number 66 0003 001

Extraction tool for contacts	Ø 1,6 mm	66 0004 001
	Ø 2,5 mm	66 0011 001

