



Bajonett Steckverbinder *Bayonet connectors*

Kabelsteckverbinder

- Steckverbinder mit Bajonettverriegelung
- Schutzart IP40¹⁾
- Integrierte Kabelzugentlastung
- Transparenter Kabelknickschutz

Cable Connector

- Connector with bayonet locking
- Degree of protection IP40¹⁾
- Internal strain relief
- Transparent cable bushing

¹⁾Erläuterung der Schutzarten siehe Seite TI-3 - TI-4. / ¹⁾Explanation of protection standards see page TI-3 - TI-4.



Aufbau des Steckverbinders:
Construction of the connector:

Kabelstecker und
Flanschdose
Male cable connector and
female socket connector



Schirmblech (Sonderausführung)
Shielding sheet (special version)

- SI IP40
- SI IP67
- Bajonett
- MPP IP67
- PP IP67
- M9 IP40
- M9 IP67
- SI IP67
- Bajonett
- NCC
- PP IP67
- M16 IP40
- M16 IP67
- M23
- Bajonett
- M25
- RD24
- RD30
- M5
- M8
- M12-A
- VL
- Verteiler
- M12-B
- M12-D
- M12-S
- M12-T
- M12-US
- M18
- 7/8"
- BF-A
- BF-B
- BF-C

Leistungs Steckverbinder Serie 690 Power connectors series 690

Bezeichnung
Description

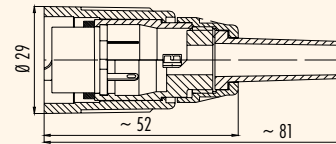
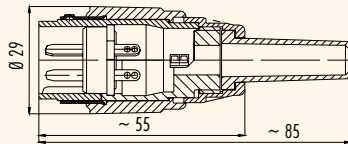
Kabelstecker
Male cable connector

Kabeldose
Female cable connector

Abbildung
Figure



Maßzeichnung
Drawing



Bestell-Nr.
Ordering-No.

Polzahl Contacts	Kabeldurchlass Cable outlet	Bestell-Nr. Ordering-No.
3	5-8 mm	09 0055 00 03
5	5-8 mm	09 0059 00 05
7	5-8 mm	09 0063 00 07
12	5-8 mm	09 0467 00 12

Polzahl Contacts	Kabeldurchlass Cable outlet	Bestell-Nr. Ordering-No.
3	5-8 mm	09 0056 00 03
5	5-8 mm	09 0060 00 05
7	5-8 mm	09 0064 00 07
12	5-8 mm	09 0468 00 12

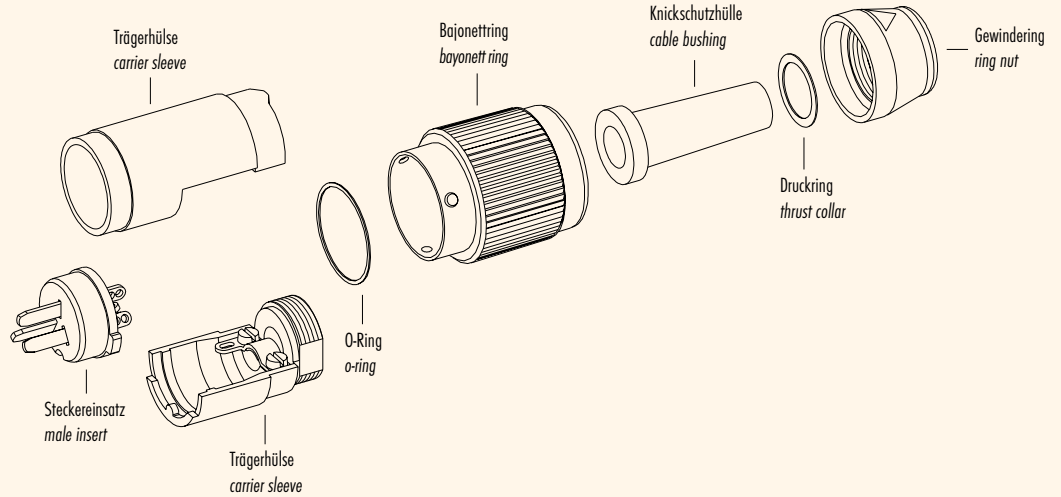
Technische Daten
Specifications

	3	5	7	12	
Polzahl	3	5	7	12	Number of contacts
Steckverbinder Verriegelung	bajonett/bayonet				Connector locking system
Anschlussart	löten/solder				Termination
Anschlussquerschnitt	max. 2,5 mm ² (max. AWG 14)		max. 0,75 mm ² (max. AWG 20)		Wire gauge
Kabeldurchlass	5-8 mm				Cable outlet
Schutzart	IP40				Degree of protection
Mechanische Lebensdauer	> 500 Steckzyklen/> 500 mating cycles				Mechanical operation
Obere Grenztemperatur	+ 85 °C				Upper temperature
Untere Grenztemperatur	- 40 °C				Lower temperature
Bemessungsspannung	250 V		125 V		Rated voltage
Bemessungs-Stoßspannung	2500 V		1500 V		Rated impulse voltage
Verschmutzungsgrad	I				Pollution degree
Überspannungskategorie	II				Overvoltage categorie
Isolierstoffgruppe	III				Material group
Bemessungsstrom (40°C)	10 A		5 A		Rated current (40 °C)
Durchgangswiderstand	≤ 5 mΩ		≤ 8 mΩ		Contact resistance
Material Kontakt	Stift/pin CuZn (Messing/brass), Buchse/socket CuSn (Bronze/bronze)				Material of contact
Kontaktoberfläche	Ag (Silber/silver), Stift 7+12 pol. CuSnZn (Optalloy)/male contact 7+12 contacts CuSnZn (optalloy)				Contact plating
Material Kontaktkörper	PET (UL 94 V-0)				Material of contact body
Material Gehäuse	GD-Al (eloxiert/anodized)				Material of housing

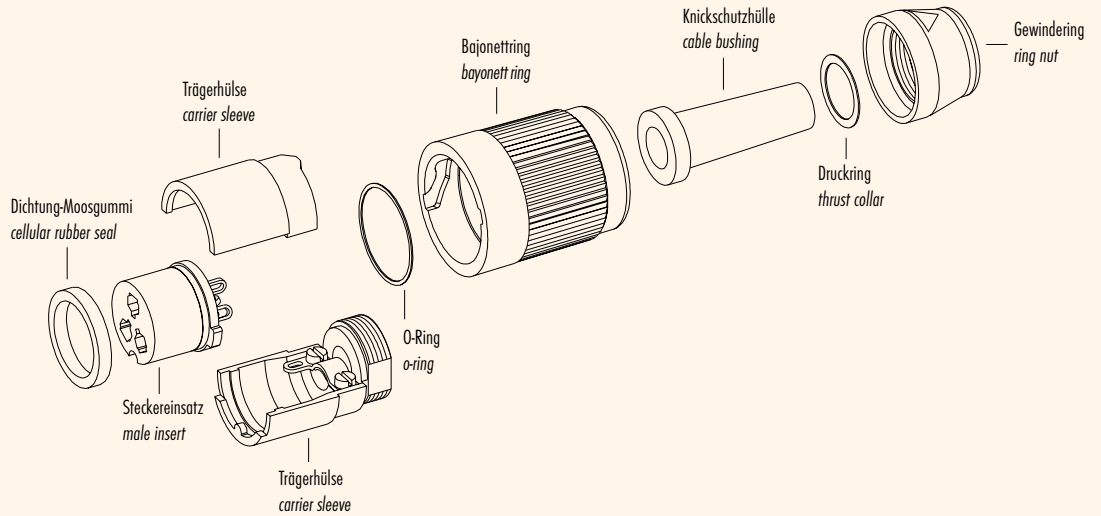
Leistungs Steckverbinder Serie 690
Power connectors series 690

Einzelteildarstellung
 Component part drawing

Kabelstecker
 Male cable connector



Kabeldose
 Female cable connector



Leistungs Steckverbinder Serie 690 Power connectors series 690

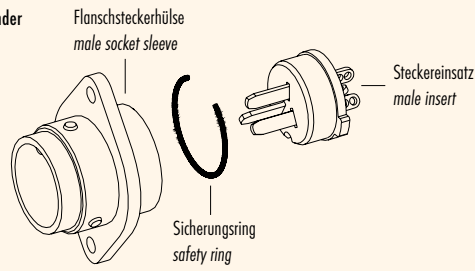
Bezeichnung Description	Flanschstecker Male panel mount connector	Flanschdose Female panel mount connector	Flanschdose mit Schirmblech Female panel mount connector with shielding sheet																														
Abbildung Figure																																	
Maßzeichnung Drawing	<p>Ansicht ohne Polbild View without contacts</p>	<p>Ansicht ohne Polbild View without contacts</p>	<p>Ansicht ohne Polbild View without contacts</p>																														
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Material Gehäuse	PBT (UL 94 V-0)				Material of contact body

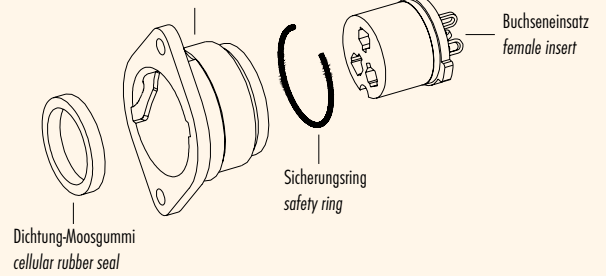
Leistungs Steckverbinder Serie 690
Power connectors series 690

Einzelteildarstellung
Component part drawing

Flanschsteckverbinder
Socket connectors



Flanschdosenhülse
female socket sleeve

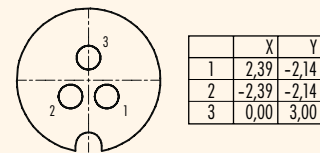
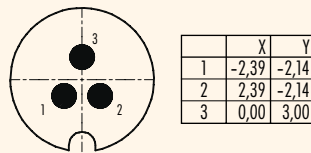


Polbilder
Contact arrangements

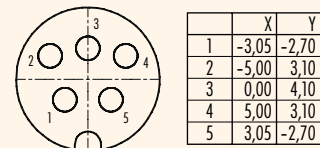
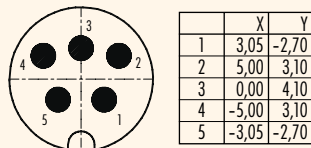
Stifteinsatz (Steckseite)
Male insert (mating side)

Buchseinsatz (Steckseite)
Female insert (mating side)

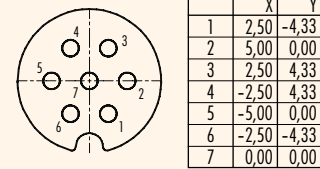
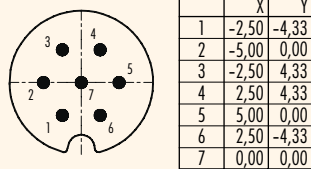
3 pol
3 contacts



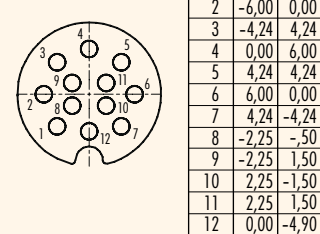
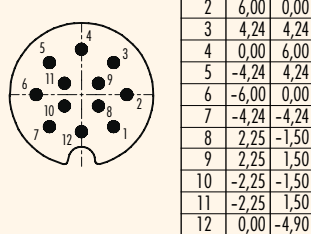
5 pol
5 contacts



7 pol
7 contacts



12 pol
12 contacts



Montageausschnitt
Panel cut out

