Product data sheet

Power connectors

Product description
Bayonet male cable connector, Contacts: 3, 5.0 - 8.0 mm, solder, IP40

Area
Bayonet series 690

Order number
09 0055 00 03

Illustration

Scale drawing

Contact arrangement (Plug-in side)

You can find the component part drawing on the next page.

Technical data

General values
- Connector design: male cable connector
- Connector locking system: Bayonet
- Termination: solder
- Wire gauge (mm): 2.50 mm²
- Wire gauge (AWG): AWG 14
- Cable outlet: 5.0 - 8.0 mm
- Upper limit temperature: 85 °C
- Lower limit temperature: -40 °C
- Customs tariff number: 85369010

Electrical values
- Rated current (40 °C): 10 A
- Rated voltage: 250 V
- Rated impulse voltage: 2500 V
- Pollution degree: 1
- Overvoltage category: II
- Insulating material group: III
- Insulation resistance: ≥ 10¹⁰ Ω
- Degree of protection: IP40
- Mechanical operation: > 50 Mating cycles

Material
- Contact material: CuZn (brass)
- Contact plating: Ag (silver)
- Contact body material: PET (UL94 V-0)
- Housing material: GD-AL eloxiert
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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.
Connectors which are used in circuits with voltages dangerous to the touch may only be installed and used by, or under the supervision of, persons with electrical engineering training, taking into account the applicable regulations and standards.