Product data sheet

Power connectors

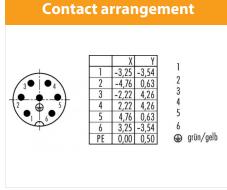


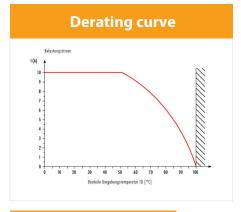
Product description RD24 cable connector, Contacts: 6+PE, 10.0 - 12.0 mm, shielding is not possible, screw clamp, IP67, UL, ESTI+, VDE, PG13.5

Area **RD24 series 693**Order number **99 4217 14 07**

Illustration

Scale drawing





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

Technical data

General values

Connector design
Connector locking system
Termination
Wire gauge (mm)
Wire gauge (AWG)
Cable outlet
Upper limit temperature
Lower limit temperature
Customs tariff number
Packaging Unit

cable connector screw screw clamp max. 1.50 mm² max. 16 10.0 - 12.0 mm 100 °C - 40 °C 85369010 40

Cable data

Approval 1 UL
Approval 2 ESTI+
Approval 3 VDE

Electrical values

Rated current (40 °C)
Rated voltage
Rated impulse voltage
Pollution degree
Overvoltage category
Insulating material group
Insulation resistance
EMC compliance
Degree of protection
Mechanical operation

... ≥ 10¹⁰ Ω shielding is not possible IP67 > 500 Mating cycles

10 A (8 A UL)

250 V

4000 V

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Material

Contact material Contact plating Contact body material CuZn (brass) Ag (silver) PBT (UL94 V-0)

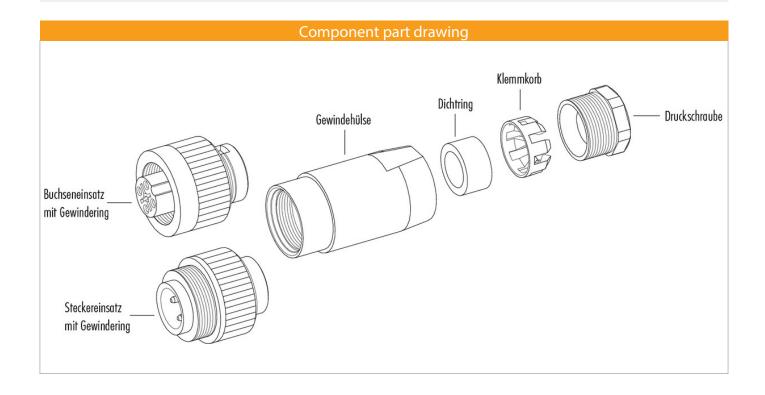
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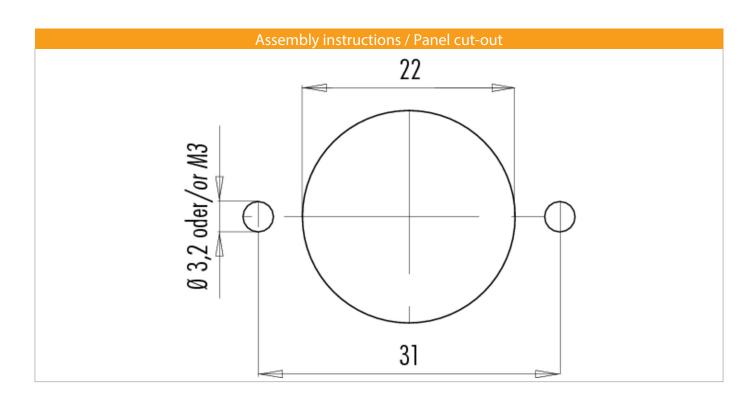
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Security notices

The connector must not be connected or separated under load. Non-observance and incorrect use can result in personal injury.

The connectors are designed for use in plant, control system and electrical equipment. The end user is responsible for checking whether the connectors are suitable for use in other applications.

To prevent the connector being opened unintentionally when used in electrical circuits containing hazardous life parts, the thread between the housing and the connector head must be secured using a suitable cyanoacrylate adhesive. This does not apply to connectors used in SELV and PELV circuits according to IEC 61140 (EN 61140, VDE 0140-1).

Connectors used in electrical circuits containing hazardous life parts must only be assembled and used by or under the supervision of persons with the requisite electrotechnical training, taking the applicable regulations and standards into account.

Connectors with degree of protection IP 67 and IP 68 are not suitable for use under water. When used outdoors, the connectors must be separately protected against corrosion. For further information about IP degrees of protection refer to 'Technical support' in the Download Centre.

To lock the cable connector to the equipment connector, the threaded ring is tightened until it is 'finger-tight' (approx. 50 cNm).