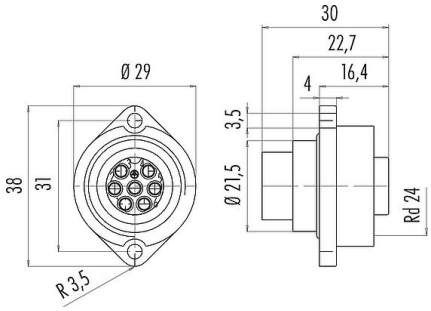
# Product data sheet
## Power connectors

| | |
|---|---|
| Product description | **RD24 Female panel mount connector, Contacts: 6+PE, unshielded, crimping (Crimp contacts must be ordered separately), IP67, UL, ESTI+, VDE, Front mounting** |
| Area | **RD24** |
| Series | **693** |
| Part no. | **09 4204 00 07** |

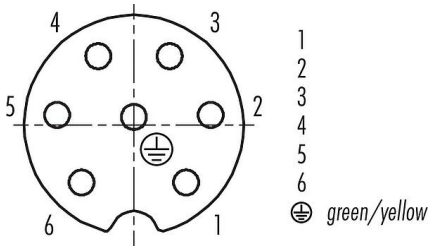
### Illustration (may vary)




### Scale drawing




### Contact arrangement (Plug-in side)




**You can find the assembly instructions on the next page.**

## Technical data

### General features

| | |
|---|---|
| Part no. | 09 4204 00 07<br>Alternative part no.: 09 0204 00 07 |
| Connector design | Female panel mount connector |
| Version | Connector socket straight |
| Connector locking system | screw |
| Termination | crimping (Crimp contacts must be ordered separately) |
| Degree of protection | IP67 |
| Connection cross-section | click here for more info |
| Temperature range from/to | -40 °C / 100 °C |
| Mechanical operation | > 500 Mating cycles |
| Weight (g) | 12.31 |
| Customs tariff number | 85369010 |
| Country of Origin | DE |

### Electrical parameters

| | |
|---|---|
| Rated voltage | 250 V |
| Rated impulse voltage | 4000 V |
| Rated current | 10 A (8 A UL) |
| Insulation resistance | ≥ $10^{10}$ Ω |
| Pollution degree | 3 |
| Overvoltage category | III |
| Insulating material group | III |
| EMC compliance | unshielded |

**Product data sheet**

# Power connectors

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## Material

| | |
|---|---|
| Housing material | PA |
| Contact body material | PBT |
| Contact material | depending on crimp contact (accessory) |
| Contact plating | Ag (silver) |
| REACH SVHC | None (No pollutants) |
| SCIP number | SCIP-number not available |

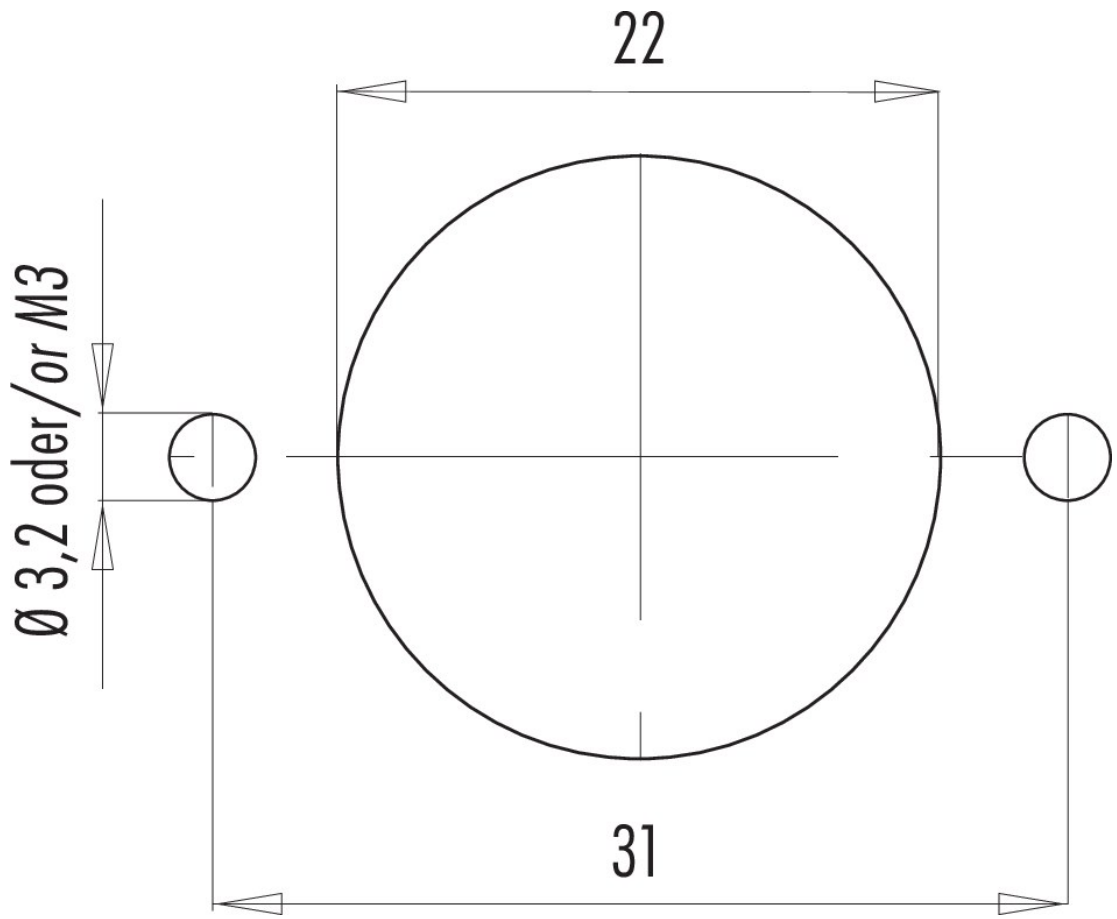
## Authorization/approvals

| | |
|---|---|
| Approvals | UL, ESTI+, VDE |

## Classifications

| | |
|---|---|
| eCl@ss 11.1 | 27-44-01-09 |
| ETIM 9.0 | EC003569 |

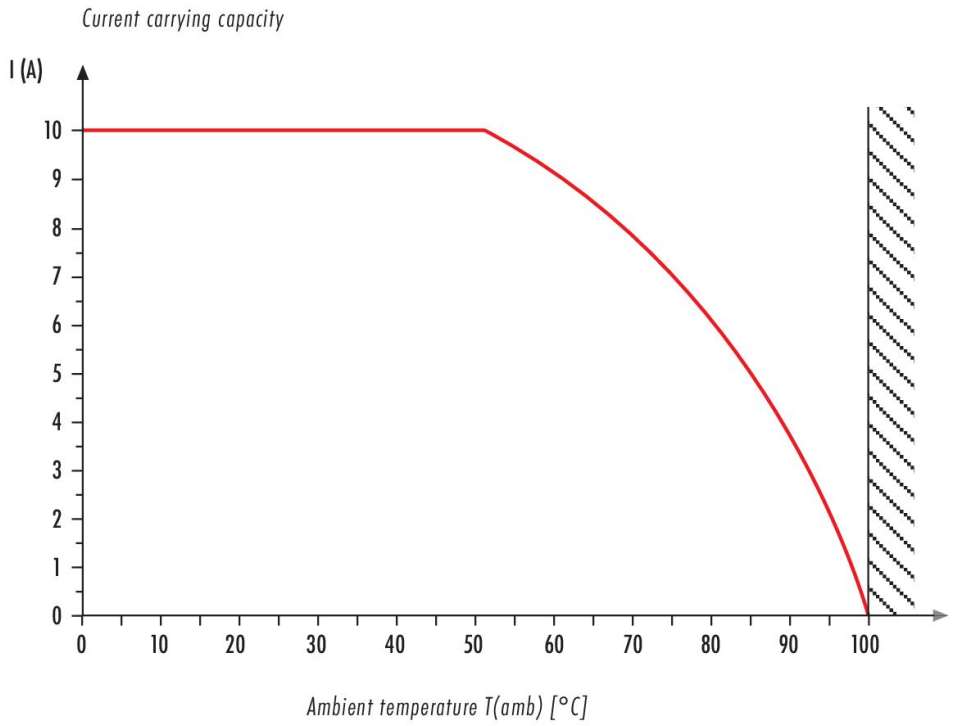
## Assembly instructions / Panel cut-out




Date: 03.10.2026

| | |
|---|---|
| Product description | **RD24 Female panel mount connector, Contacts: 6+PE, unshielded, crimping (Crimp contacts must be ordered separately), IP67, UL, ESTI+, VDE, Front mounting** |
| Area | **RD24** |
| Series | **693** |
| Part no. | **09 4204 00 07** |

## Derating curve



**Product data sheet**
# Power connectors

| | |
|---|---|
| Product description | **RD24 Female panel mount connector, Contacts: 6+PE, unshielded, crimping (Crimp contacts must be ordered separately), IP67, UL, ESTI+, VDE, Front mounting** |
| Area | **RD24** |
| Series | **693** |
| Part no. | **09 4204 00 07** |

## 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.

The user must take suitable safety precautions to ensure that the connector cannot be accidentally disconnected.

Please observe the pollution degree and the overvoltage category. For further information, please refer to the download center "Technical Information".