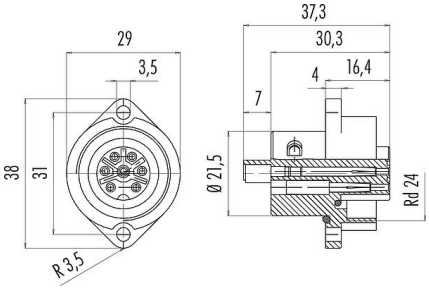
Product data sheet
Power connectors

Product description	**RD24 Female panel mount connector, Contacts: 6+PE, unshielded, screw clamp, IP67, UL, ESTI+, VDE, Front mounting**
Area	**RD24**
Series	**693**
Part no.	**09 4220 00 07**

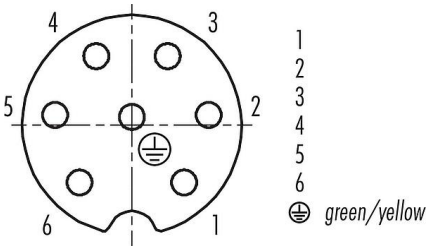
Illustration (may vary)



Scale drawing



Contact arrangement (Plug-in side)



You can find the assembly instructions on the next page.

Technical data

General features

Part no.	09 4220 00 07 Alternative part no.: 09 0220 00 07
Connector design	Female panel mount connector
Version	Connector socket straight
Connector locking system	screw
Termination	screw clamp
Degree of protection	IP67
Connection cross-section	max. 1.50 mm² / AWG 16
Temperature range from/to	-40 °C / 100 °C
Mechanical operation	> 500 Mating cycles
Weight (g)	24.26
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

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Material

Contact body material	PBT
Contact material	CuSn (bronze)
Contact plating	Ag (silver)
REACH SVHC	CAS 7439-92-1 (Lead)
SCIP number	2dca2f85-21d2-4a9c-aa61-23fbfe4c9503

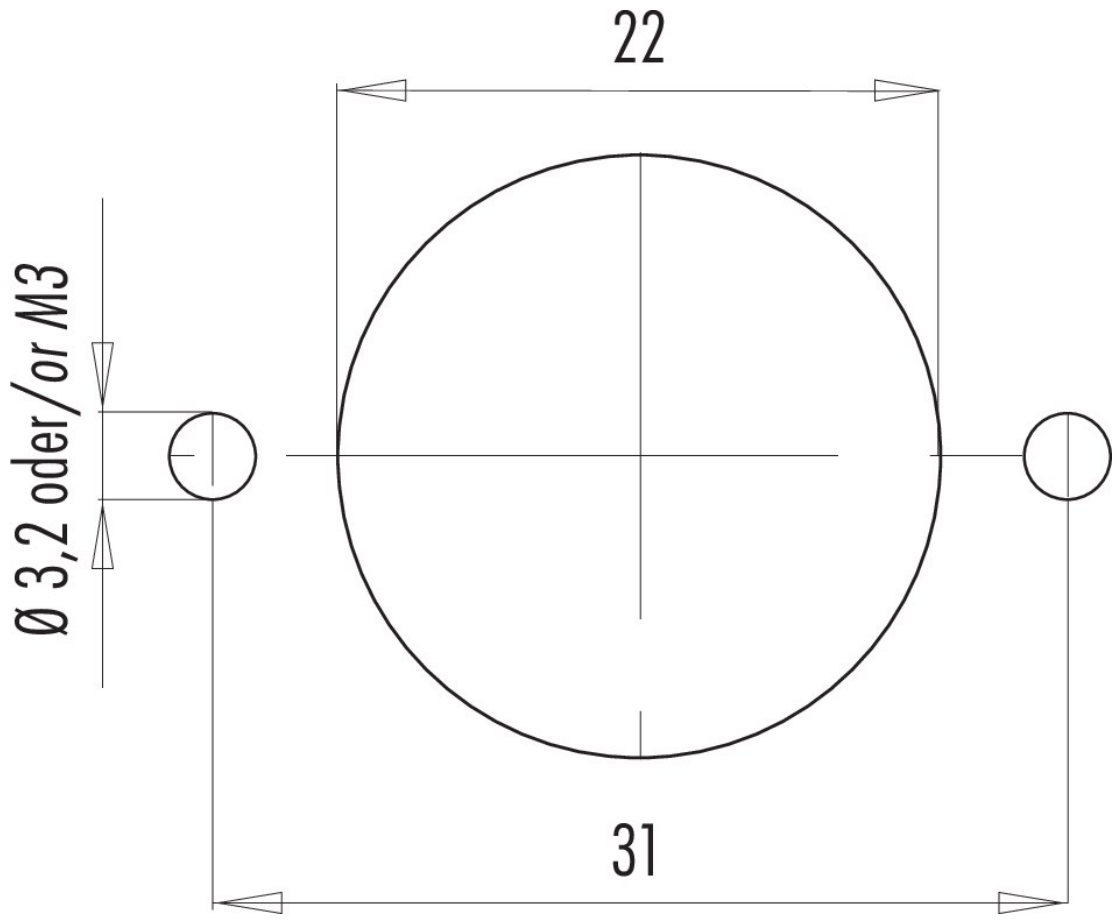
Authorization/approvals

Approvals	UL, ESTI+, VDE

Classifications

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

Assembly instructions / Panel cut-out

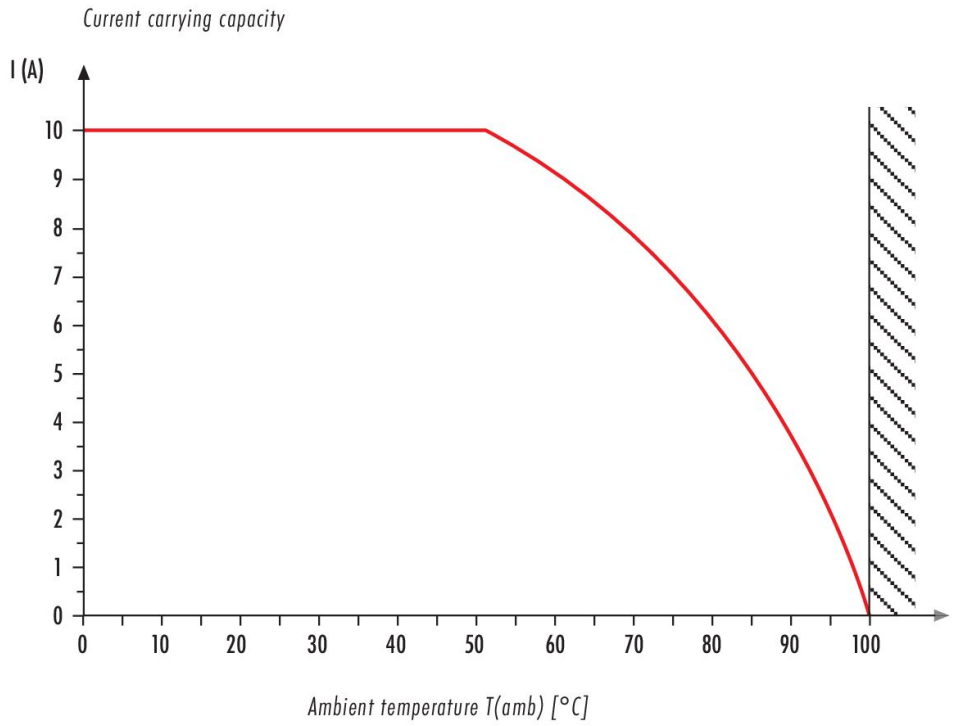


Date: 03.10.2026

Product data sheet
Power connectors

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Derating curve



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Part no.	**09 4220 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".