

# Product data sheet

## Automation technology - Solenoid valve connectors

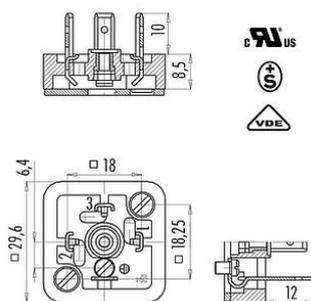


Product description	Male power connector, Contacts: 2+PE, unshielded, solder, IP40 without seal, UL, ESTI+, VDE
Area	Size A
Series	210
Part no.	43 1709 000 03

### Illustration



### Scale drawing



### Technical data

#### General features

Part no.	43 1709 000 03
Connector design	Male power connector
Type standard	DIN EN 175301-803
Version	Connector pin straight
Connector locking system	Central bolt
Termination	solder
Degree of protection	IP40 without seal IP65 with seal, see accessories
Connection cross-section	1.00 mm <sup>2</sup> / AWG 17
Temperature range from/to	-25 °C / 100 °C
Mechanical operation	> 50 Mating cycles
Weight (g)	8.73
Customs tariff number	85369010
Country of Origin	DE

#### Electrical parameters

Rated voltage	250 V
Rated impulse voltage	4000 V
Rated current	10.0 A
Insulation resistance	≥ 10 <sup>10</sup> Ω
Pollution degree	3
Overvoltage category	III
Insulating material group	III



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EMC compliance unshielded

### Material

Housing material	PA (UL94 HB)
Contact body material	PA (UL94 HB)
Contact material	CuZn (brass)
Contact plating	Sn (tin)
REACH SVHC	CAS 7439-92-1 (Lead)
SCIP number	a12992d9-1bd4-4399-8de0-1a46682829ee

### Authorization/approvals

Approvals	UL, ESTI+, VDE
Norms and regulations	DIN EN 61373 DIN EN 45545-2 (nicht klassifizierte brennbare Masse <10g)

### Classifications

eCl@ss 11.1	27-06-03-11
ETIM 9.0	EC002635

### Declarations of conformity

Low Voltage Directive	2014/35/EU (EN 60204-1:2018;EN 60529:1991)
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### General Disclaim Notice

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.

Plug connectors with enclosure protection IP67 and IP68 are not suitable for use under water. When used outdoors, the plug connectors must be protected separately against corrosion. For further information on the IP protection classes, please refer to the "Technical Information" download centre.

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