

# Product data sheet

## Automation technology - Voltage and Power Supply



Product description **7/8" Twin distributor, Contacts: 3, unshielded, solder, IP68, VDE, Threaded nut die-cast**

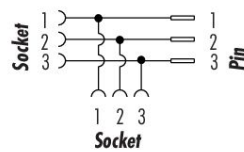
Area **7/8"**

Part no. **09 2473 100 03**

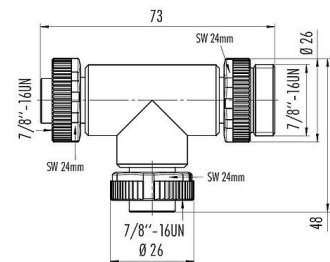
### Illustration



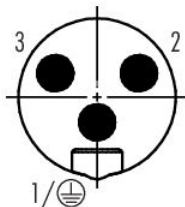
### Pin assignment plans



### Scale drawing



### Contact arrangement (Plug-in side)



### Technical data

#### General features

Part no.	<b>09 2473 100 03</b>
Connector design	Twin distributor
Version	T-Distributors
Connector locking system	screw
Termination	solder
Degree of protection	IP68
Temperature range from/to	-30 °C / 85 °C



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Mechanical operation	> 100 Mating cycles
Additional information	Threaded nut die-cast
Weight (g)	68.28
Customs tariff number	85369010
Country of Origin	DE

### Electrical parameters

Rated voltage	300 V
Rated impulse voltage	4000 V
Rated current	10.0 A
Pollution degree	3
Overvoltage category	II
Insulating material group	I
EMC compliance	unshielded

### Material

Housing material	Macromelt
Contact body material	PUR
Contact material	CuZn (brass)
Contact plating	Au (gold)
REACH SVHC	CAS 7439-92-1 (Lead)
SCIP number	25b5dd04-b40d-40bb-9099-cd876478f3aa

### Authorization/approvals

Approvals	VDE
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### Classifications

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

### Declarations of conformity

Low Voltage Directive	2014/35/EU (EN 60204-1:2018;EN 60529:1991)
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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.

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.

To lock the cable connector to the device connector, we recommend tightening the threaded ring to 1.5 Nm. A suitable torque wrench is available as an accessory (order no. 07 0082 000).