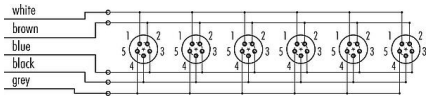
Product data sheet
Miniature connectors

Product description	**Snap-In 6-way distributor, Contacts: 5, unshielded, moulded on the cable, IP67, 5 x 0.75 mm²**
Area	**Snap-In IP67**
Series	**720**
Part no.	**72 9142 500 06**

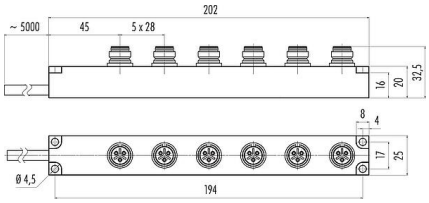
Illustration (may vary)



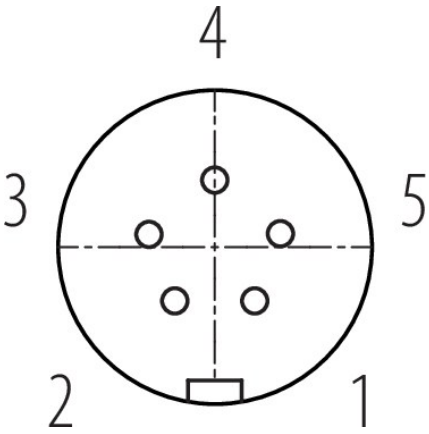
Pin assignment plans



Scale drawing



Contact arrangement (Plug-in side)



Technical data

General features

Part no.	72 9142 500 06
Connector design	6-way distributor
Version	Distribution Blocks
Connector locking system	snap-in
Termination	moulded on the cable
Degree of protection	IP67
Connection cross-section	0.75 mm²
Temperature range from/to	-40 °C / 85 °C
Mechanical operation	> 500 Mating cycles
Weight (g)	665.00

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Customs tariff number	85369010

Electrical parameters

Rated voltage	125 V
Rated impulse voltage	1500 V
Rated current	5.0 A
Insulation resistance	> 10^{8} Ω
Pollution degree	2
Insulating material group	II
EMC compliance	unshielded

Material

Housing material	PA66 (UL94 HB)
Contact body material	PA black
Contact material	CuSn (bronze)
Contact plating	Au (gold)
REACH SVHC	CAS 7439-92-1 (Lead)
SCIP number	1275d2f0-ef5e-4cb3-9782-168a17d98e0b

Cable data - Structure of the cable

Cross section	5 x 0.75 mm²

Classifications

eCl@ss 11.1	27-06-03-11
ETIM 9.0	EC002638

Declarations of conformity

Low Voltage Directive	EN 60529:1991 | EN 60204-1:2018
RoHS Directive	EN IEC 63000:2018

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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.

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".