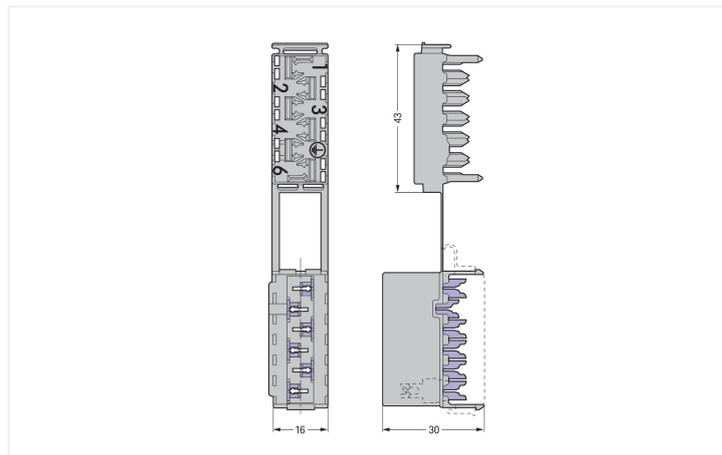


# Data Sheet | Item Number: 730-106

Socket; 6-pole; gray

<https://www.wago.com/730-106>



Color: ■ gray

Dimensions in mm

Female connector, 730 Series, gray

Seamless electrical installations are guaranteed with this female connector (item number 730-106). This product features one conductor terminal and utilizes an IDC connection. An Insulation Displacement Connection (IDC) is the ideal choice for supplying underfloor tanks, for example, using flat cables from 1.5 mm<sup>2</sup> to 16 mm<sup>2</sup> and the associated connection components. The item's dimensions are (43 x 16 x 30) mm (width x height x depth). This female connector is suitable for conductor cross sections of 1.5 mm<sup>2</sup>.

Tin is used for coating the contact surfaces.

## Electrical data

Ratings per	IEC/EN 60664-1		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	500 V	630 V	1000 V
Rated impulse withstand voltage	6 kV	6 kV	6 kV
Rated current	10 A	10 A	10 A

Approvals per	UL 1059		
Use group	B	C	D
Rated voltage	-	600 V	-
Rated current	-	10 A	-

Approvals per	CSA		
Use group	B	C	D
Rated voltage	-	600 V	-
Rated current	-	10 A	-

## Connection Data

Total number of potentials	6
Number of connection types	1
Number of levels	1

Connection 1	
Connection technology	IDC connection
Fine-stranded conductor	0.75 ... 1.5 mm <sup>2</sup> / 18 ... 16 AWG
Pole number	6

### Physical data

Width	43 mm / 1.693 inches
Height	16 mm / 0.63 inches
Depth	30 mm / 1.181 inches

### Mechanical data

Variable coding	No
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### Plug-in connection

Contact type (pluggable connector)	Female connector/socket
Connector (connection type)	for conductor
Mismating protection	No

### Material data

Note (material data)	<a href="#">Information on material specifications can be found here</a>
Color	gray
Material group	I
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Clamping spring material	Chrome-nickel spring steel (CrNi)
Contact material	Brass
Contact Plating	Tin
Fire load	0.272 MJ
Weight	12.3 g

### Environmental requirements

Limit temperature range	-60 ... +85 °C
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### Commercial data

Product Group	13 (Misc. Multi Conn. System)
PU (SPU)	50 pcs
Packaging type	Box
Country of origin	DE
GTIN	4044918253444
Customs tariff number	85366990990

### Product Classification

UNSPSC	39121409
eCl@ss 10.0	27-14-11-06
eCl@ss 9.0	27-14-11-06
ETIM 9.0	EC001284
ETIM 10.0	EC001284
ECCN	NO US CLASSIFICATION

**Environmental Product Compliance**

RoHS Compliance Status Compliant, No Exemption

**Approvals / Certificates**

**General approvals**



Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 60998	2174149.01A
CSA DEKRA Certification B.V.	C22.2 No. 158	LR 18677-43
UL UL International Germany GmbH	UL 1059	E45172

**Downloads**

**Environmental Product Compliance**

**Compliance Search**

Environmental Product Compliance 730-106	<a href="#">↓</a>
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**Documentation**

**Additional Information**

Technical Section	03.04.2019	pdf 2027.26 KB	<a href="#">↓</a>
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**CAD/CAE-Data**

**CAE data**

WSCAD Universe 730-106	<a href="#">↓</a>
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## 1 Compatible Products

### 1.1 Optional Accessories

#### 1.1.1 Test and measurement

##### 1.1.1.1 Testing accessories



**Item No.: 210-136**

Test plug; 2 mm Ø; with 500 mm cable; red

### 1.1.2 Tool

#### 1.1.2.1 Operating tool



**Item No.: 210-719**

Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft

## Installation Notes

### Conductor termination



Press conductors into strain relief fingers.



Place upper and lower part of the socket into pre-locking position.



Press into final position using pliers.

## Testing



Testing via 2.3 mm Ø test plug.

## Installation



Insert plug into socket.

Marking



Marking via side marker carrier.