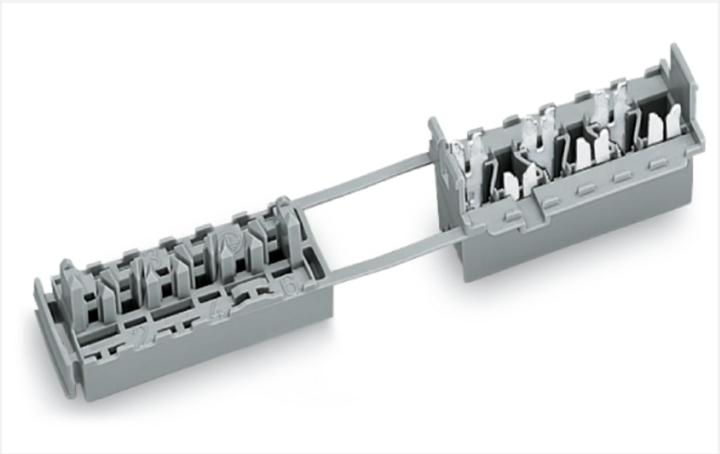
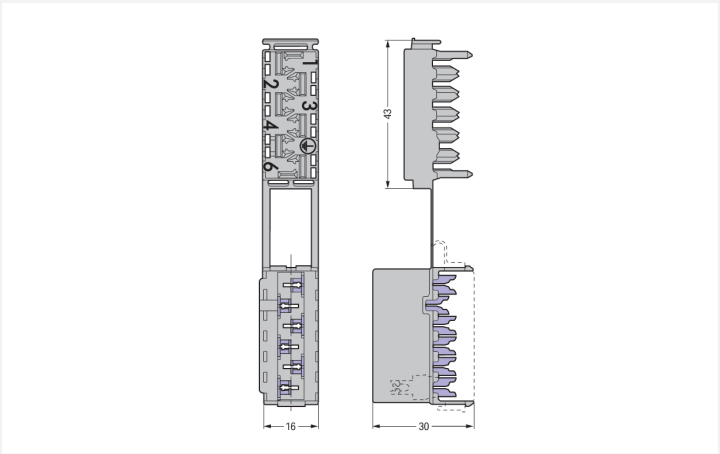
Data Sheet | Item Number: 730-106

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 mm² to 16 mm² 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 mm².

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 mm² / 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

Plug-in connection

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

Material data

Note (material data)	Information on material specifications can be found here
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	0.246 MJ
Weight	12.3 g

Environmental requirements

Limit temperature range	-60 … +85 °C

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

Continued on next page

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

Documentation

Additional Information

Technical Section	03.04.2019	pdf 2027.26 KB

CAD/CAE-Data

CAE data

WSCAD Universe 730-106

Continued on next page

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

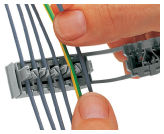
1.1.2.1 Operating tool



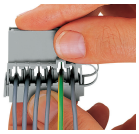
Item No.: 210-719
Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft

Installation Notes

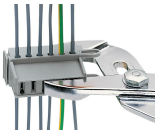
Conductor termination



Press conductors into strain relief fingers.



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



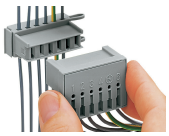
Press into final position using pliers.

Testing



Testing via 2.3 mm Ø test plug.

Installation



Insert plug into socket.

 Continued on next page

Marking



Marking via side marker carrier.