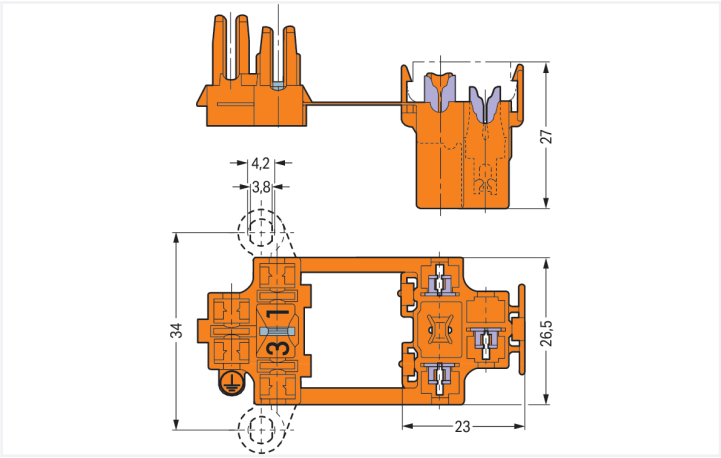
Data Sheet | Item Number: 730-123

Socket; clamping collar; 3-pole; orange

https://www.wago.com/730-123



Color: orange



Dimensions in mm

Female connector, 730 Series, IDC connection

Effortless electrical installations are guaranteed with this female connector (item number 730-123). Featuring one conductor terminal along with an IDC connection, this product is highly versatile. An Insulation Displacement Connection (IDC) is the perfect choice for supplying underfloor tanks, for example, using flat cables from 1.5 mm² to 16 mm² and the corresponding connection components. The item's dimensions are (26.5 x 27 x 23) mm (width x height x depth). This female connector is suitable for conductor cross sections of 1.5 mm².

The contact surface is coated with tin.

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	3
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	3

Physical data

Width	26.5 mm / 1.043 inches
Height	27 mm / 1.063 inches
Depth	23 mm / 0.906 inches

Mechanical data

Variable coding	No
Mounting type	Mounting flange

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	orange
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	0.169 MJ
Weight	7.1 g

Environmental requirements

Limit temperature range	-60 … +85 °C

Commercial data

PU (SPU)	50 pcs
Packaging type	Box
GTIN	4044918600637

Product Classification

UNSPSC	39121409
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 730-123

Documentation

Additional Information

Technical Section	03.04.2019	pdf 2027.26 KB

CAD/CAE-Data

CAE data

WSCAD Universe
730-123

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

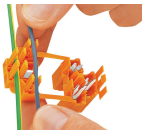
1.1.2.1 Operating tool



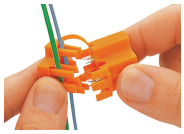
Item No.: 210-719
Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft

Installation Notes

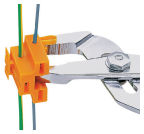
Conductor termination



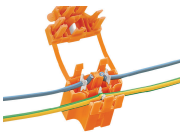
Press conductors into strain relief fingers.



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



Press into final position using pliers.



Three-pole socket (open)