

Color: ■ orange

Dimensions in mm

Female connector, 730 Series, IDC connection

Enjoy error-free electrical installations with this female connector (item number 730-103). This product features one conductor terminal and utilizes an IDC connection. The WINSTA® IDC power supply and tap-off modules make secure contact at any point on a flat cable with one turn per pole. The 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 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	3
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	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
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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	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	0.152 MJ
Weight	7.2 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	CN
GTIN	4050821429715
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 730-103	<a href="#">↓</a>

### Documentation

Additional Information			
Technical Section	03.04.2019	pdf 2027.26 KB	<a href="#">↓</a>

### CAD/CAE-Data

CAD data	
2D/3D Models 730-103	<a href="#">↓</a>

CAE data	
WSCAD Universe 730-103	<a href="#">↓</a>
ZUKEN Portal 730-103	<a href="#">↓</a>

## 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

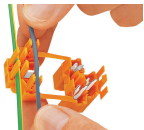


**Item No.: 210-719**

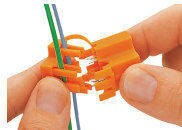
Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft

## Installation Notes

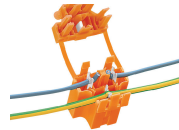
### Conductor termination



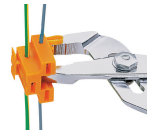
Press conductors into strain relief fingers.



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



Three-pole socket (open)



Press into final position using pliers.