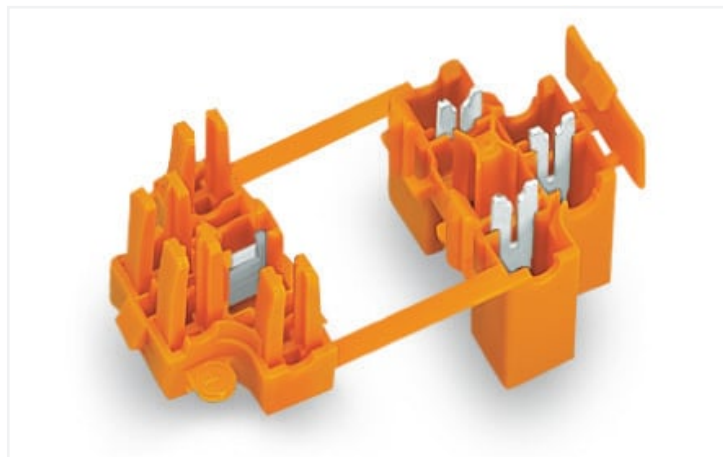


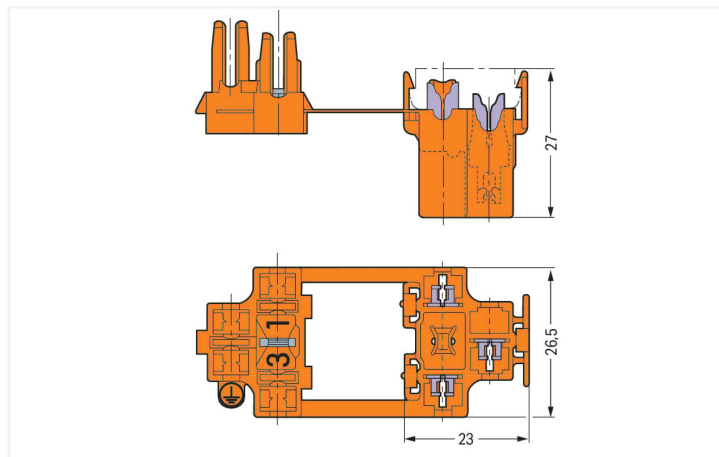
Data Sheet | Item Number: 730-103

Socket; automatic L-disconnection; 3-pole; orange

<https://www.wago.com/730-103>



Color: ■ orange



Dimensions in mm

- Sockets with IDC for tapping individual conductors without stripping
- Three-pole sockets automatically cut "live" conductors (e.g., door switches in elevator shafts)
- Sockets available with additional mounting flanges

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 surge 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 ² / 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

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	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	
Product Group	13 (Misc. Multi Conn. System)
eCl@ss 10.0	27-14-11-06
eCl@ss 9.0	27-14-11-06
ETIM 8.0	EC001284
ETIM 7.0	EC001284
PU (SPU)	50 pcs
Packaging type	Box
Country of origin	CN
GTIN	4050821429715
Customs tariff number	85366990990

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

Approvals / Certificates

General approvals		General approvals	
		UL	UL 1059
		UL International Germany GmbH	E45172
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	

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 730-103

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Documentation

Additional Information

Technical Section

03.04.2019

pdf

2010.85 KB

↓

CAD/CAE-Data

CAD data

2D/3D Models 730-103

↓

CAE data

WSCAD Universe 730-103

↓

ZUKEN Portal 730-103

↓

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

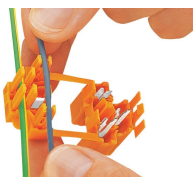
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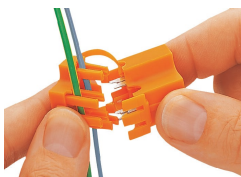
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Installation Notes

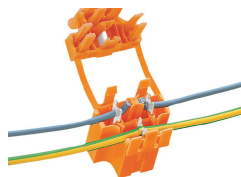
Conductor termination



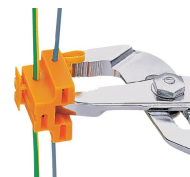
Press conductors into strain relief fingers.



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



Three-pole socket (open)



Press into final position using pliers.