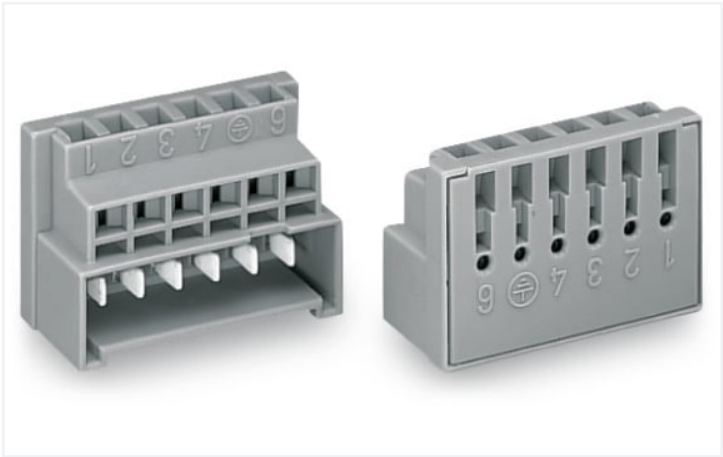
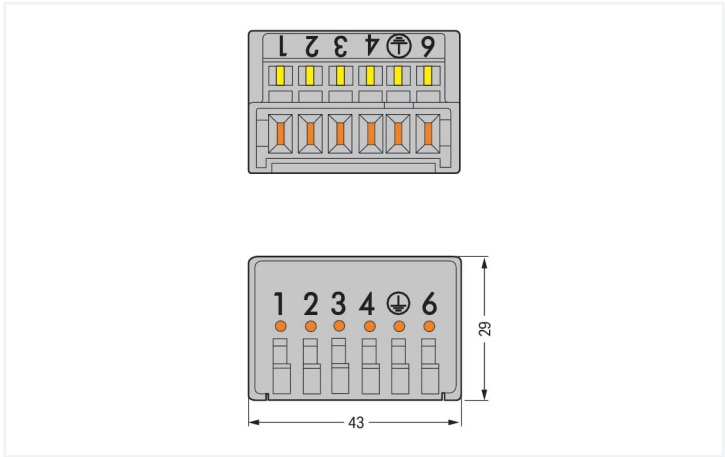




Color: ■ gray



Dimensions in mm

- Plugs with CAGE CLAMP® for the universal connection of all conductor types

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	6
Number of connection types	1
Number of levels	1

Connection 1	
Connection technology	CAGE CLAMP®
Actuation type	Operating tool
Solid conductor	0.08 ... 2.5 mm² / 28 ... 14 AWG
Fine-stranded conductor	0.08 ... 2.5 mm² / 28 ... 14 AWG
Fine-stranded conductor; with insulated ferrule	0.25 ... 1.5 mm²
Fine-stranded conductor; with uninsulated ferrule	0.25 ... 2.5 mm²
Strip length	8 ... 9 mm / 0.31 ... 0.35 inches
Pole number	6



Physical data		
Width		43 mm / 1.693 inches
Height		29 mm / 1.142 inches
Depth		30 mm / 1.181 inches

Mechanical data		
Variable coding		No

Plug-in connection		
Contact type (pluggable connector)		Male connector/plug
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		Polyamide (PA66)
Flammability class per UL94		V0
Clamping spring material		Chrome-nickel spring steel (CrNi)
Contact material		Electrolytic copper (E _{cu})
Contact plating		Tin
Fire load		0.389 MJ
Weight		16.7 g

Environmental requirements		
Limit temperature range		-60 ... +85 °C

Commercial data		
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		Bag
Country of origin		DE
GTIN		4044918524520
Customs tariff number		85366930000

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 730-116



Documentation

Additional Information

Technical Section	03.04.2019	pdf 2010.85 KB	
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CAD/CAE-Data

CAD data

2D/3D Models 730-116



CAE data

WSCAD Universe
730-116



ZUKEN Portal 730-116



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

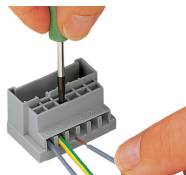
1.1.2.1 Operating tool

**Item No.: 210-719**

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

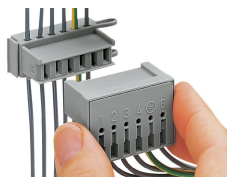
Installation Notes

Conductor termination



Conductor termination – 6-pole plug equipped with CAGE CLAMP®

Installation



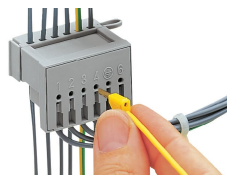
Insert plug into socket.

Marking



Marking via side marker carrier.

Testing



Testing via 2.3 mm Ø test plug.