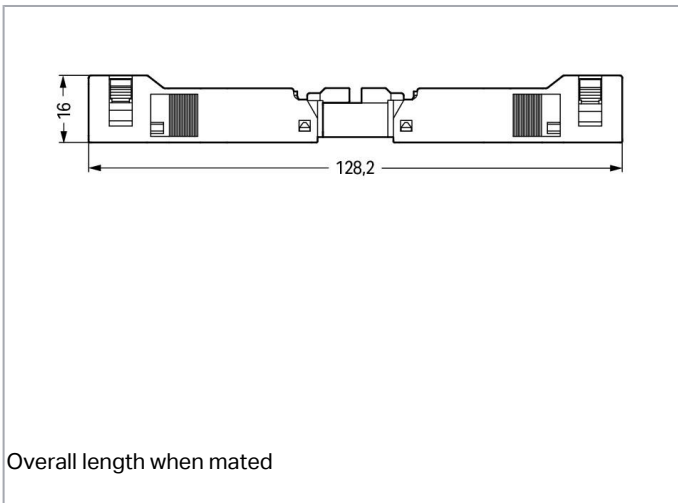
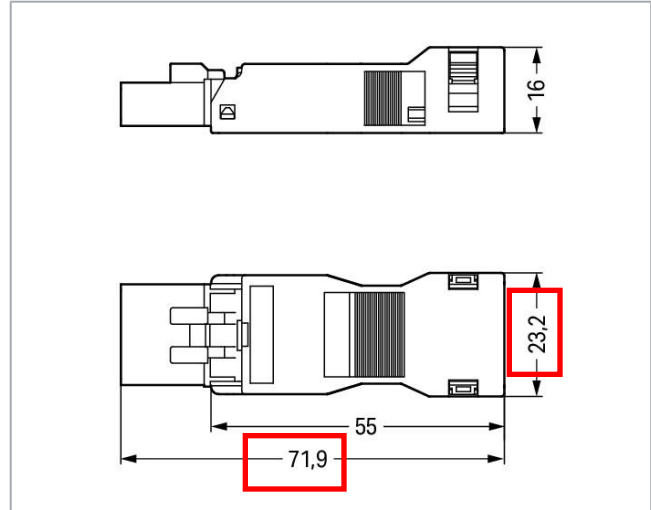
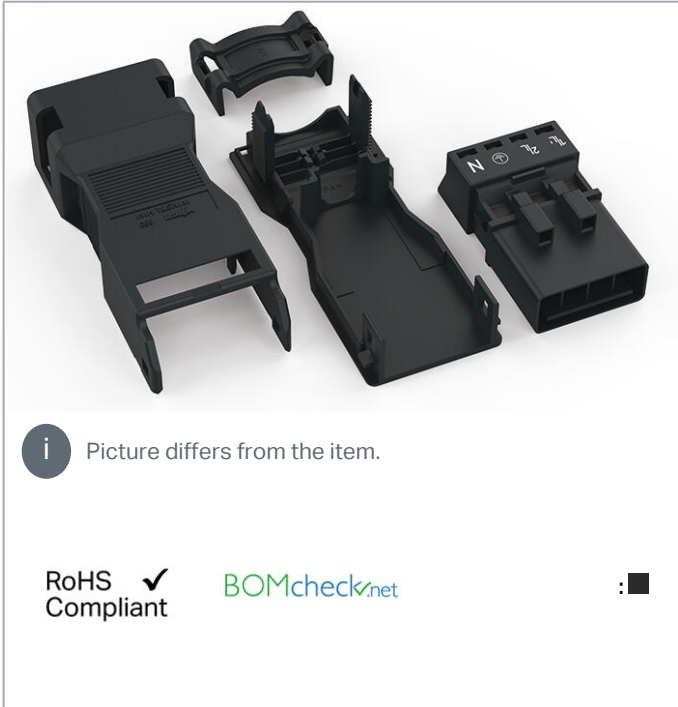


| : 890-114

Plug; with strain relief housing; 4-pole; 1,50 mm²; black

www.wago.com/890-114



- Set: Plug 890-214 and strain relief housing 890-504
- Protected against mismatching and maintenance-free

/

WAGO Contact, Ltd
5F., No.168, Jiankang Rd
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Tel.: +886 2 22259755 | Fax: +886 2 22251511
Email: info.taiwan@wago.com

+49 (571) 887-44222



- Push-in CAGE CLAMP® spring pressure connection technology allows solid conductors to be simply pushed into a unit
- Compact design with 4.4 mm pole spacing
- When assembled the installation connectors complies with IP40 and are suitable for easily accessible areas

:

PCB/

SDO :

WINSTA® 100%

a.

b. 180°

c.

d.

1:

Application note for the U.S. market (USR): Some versions may also be used for current interruption in accordance with the UL certificate in select applications with currents below 5 A and voltages up to 600 V. For further information, please contact your local sales office.

1mΩ

0.25mΩ /

Ratings per IEC/EN 60664-1

	IEC/EN 60664-1
(III / 3)	400 V
(III / 3)	6 kV
	16 A
()	(III / 3) ≥ III / 3

Approvals per UL 1977

UL 1977 ()	600 V
UL 1977 ()	12 A

/

Push in CAGE CLAMP®	
	1.5 mm²
	0.25 ... 1.5 mm² / 22 ... 16 AWG
	0.75 ... 1.5 mm² / 20 ... 16 AWG
	0.25 ... 1 mm² / 22 ... 18 AWG
	0.25 ... 1.5 mm² / 22 ... 16 AWG
	0.25 ... 0.75 mm² / 22 ... 20 AWG
	0.25 ... 0.75 mm² / 22 ... 20 AWG
	0.75 mm² / 20 AWG
	9 mm / 0.35
	see also packaging or instructions
	4
	4
	4
	with preceding GND contact
	6.5 ... 10.5 mm
	0°
	45 mm
	4.4 mm / 0.173 inch
	23.2 mm / 0.913 inch
	16 mm / 0.63 inch
	71.9 mm / 2.831 inch
	A
	20 ... 70 N
	> 80N
	. 20 ... 70 N
	200, 100, I _N = 16A, 1.5 mm²/AWG 16)
	N 2/L 1/L'

/



	IP40
	N 2/L 1/L'
	General mains applications

Plug connection

0	/
	Yes
	retrofitable
	strain relief housing

	PA66
	(CrNi)
	0.272 MJ
	10.4 g

Processing temperature	-5 ... +40 °C
Continuous operating temperature	-35 ... +85 °C
	≤ 105°C

Product Group	20 (WINSTA)
	BOX
Country of origin	DE
GTIN	4045454232917
Customs tariff number	85366990990

/

Country specific Approvals

CCA	EN 61535	71-
DEKRA Certification B.V.		11299

/

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CCA DEKRA Certification B.V.	IEC 61535	NL- 64352
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Ship Approvals

	ABS American Bureau of Shipping	Steel Vessel Rules	19- HG1869855- PDA
	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE00001Z6
	LR Lloyds Register	EN 61535	08/20047 (E2)

UL-Approvals

	cURus Underwriters Laboratories Inc.	UL 1977	E45171
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	890-104 Socket; with strain relief housing; 4-pole; Cod. A; 1,50 mm ² ; black	www.wago.com/890-104
	890-204 Socket; 4-pole; Cod. A; 1,50 mm ² ; black	www.wago.com/890-204
	890-626 T-distribution connector; 4-pole; Cod. A; 1 input; 2 outputs; 2 locking levers; black	www.wago.com/890-626

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	890-627 T-distribution connector; 4-pole; Cod. A; 1 input; 2 outputs; 3 locking levers; for flying leads; black	www.wago.com/890-627
	890-704 Snap-in socket; 4-pole; Cod. A; 1,50 mm ² ; black	www.wago.com/890-704
	890-804 Socket for PCBs; straight; 4-pole; Cod. A	www.wago.com/890-804
	890-804/011-000 Socket for PCBs; angled; 4-pole; Cod. A	www.wago.com/890-804/011-000
	891-8994/006-101 pre-assembled interconnecting cable; Eca; Socket/plug; 4-pole; Cod. A; H05VV-F 4G 1.5 mm ² ; 1 m; 1,50 mm ² ; black	www.wago.com/891-8994/006-101
	890-944 h-distribution connector; 4-pole; Cod. A; 1 input; 2 outputs; outputs on one side; 2 locking levers; black	www.wago.com/890-944
	890-945 h-distribution connector; 4-pole; Cod. A; 1 input; 2 outputs; outputs on one side; 3 locking levers; for flying leads; black	www.wago.com/890-945
	891-8994/106-101 pre-assembled connecting cable; Eca; Socket/open-ended; 4-pole; Cod. A; H05VV-F 4G 1.5 mm ² ; 1 m; 1,50 mm ² ; black	www.wago.com/891-8994/106-101

shield connection

	: 890-525 ; 4 ;	www.wago.com/890-525
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tools

	: 210-719 Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft	www.wago.com/210-719
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Documentation

Bid Text

890-114 GAEB X81 - Datei	2019/2/19	xml 3.1 kB
890-114 doc - Datei	2015/6/8	doc 24.1 kB

CAD/CAE-Data

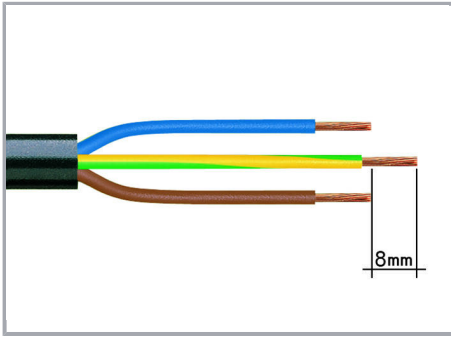
CAD data

2D/3D Models 890-114	URL
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CAE data

WSCAD Universe 890-114	URL
ZUKEN Portal 890-114	URL

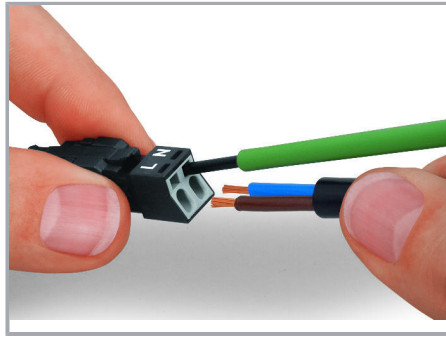
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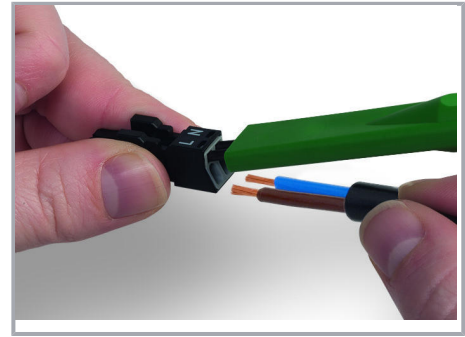
1. Strip length, outer insulation = 30 mm (2-pole), 37 mm (3-pole), 45 mm (4- and 5-pole)

2. Strip length = 9 mm

3. Extended ground conductor = 8 mm



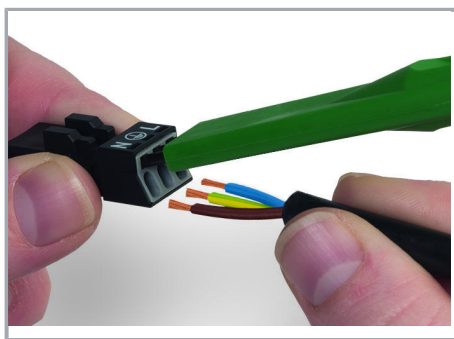
To terminate fine-stranded conductors, open the clamping unit via screwdriver (2.5 mm blade width) and insert a stripped conductor until it hits backstop. Terminate solid conductors by simply pushing them in.



To terminate fine-stranded conductors, open clamping units via operating tool (890-382) and insert stripped conductors until they hit backstop.

Terminate solid conductors by simply pushing them in.

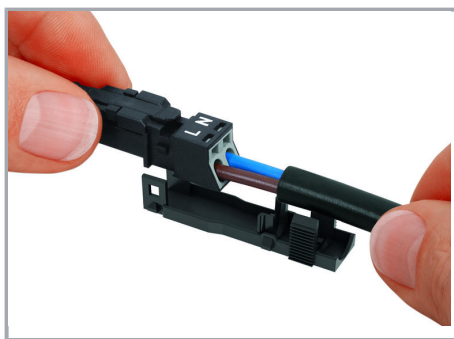
/



To terminate fine-stranded conductors, open clamping units via operating tool (890-383) and insert stripped conductors until they hit backstop.

Terminate solid conductors by simply pushing them in.

Installation



Latch wired connector onto the base of the strain relief housing.

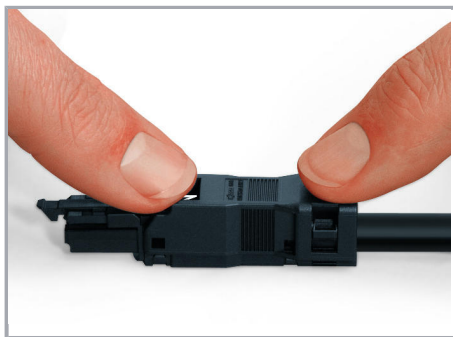


Push down strain relief clamp by hand.

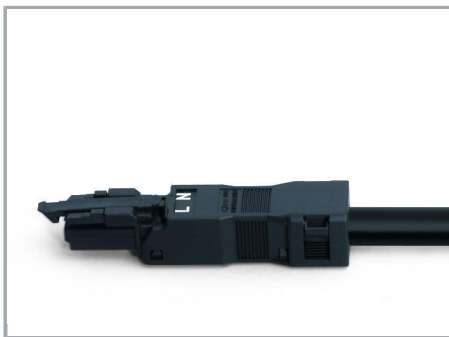


Push down strain relief clamp via 2.5 mm screwdriver alternately on both sides.

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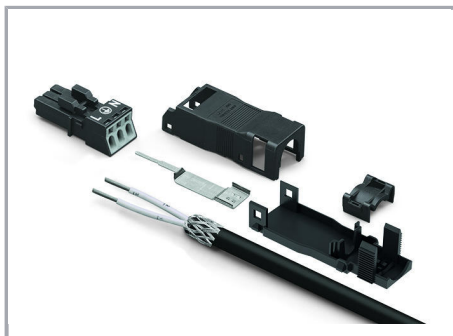


Latch the top of the strain relief housing.

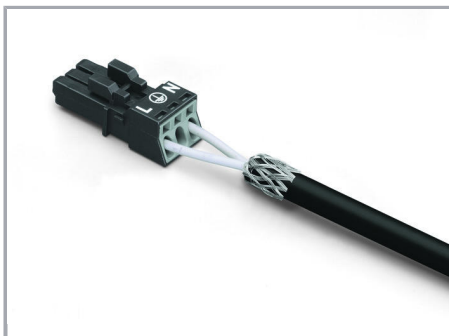


The printed marking of the connector is clearly visible in the openings of the strain relief housing.

Shield Connection



Connector with shield termination



Apply the shield to the rubber cable.

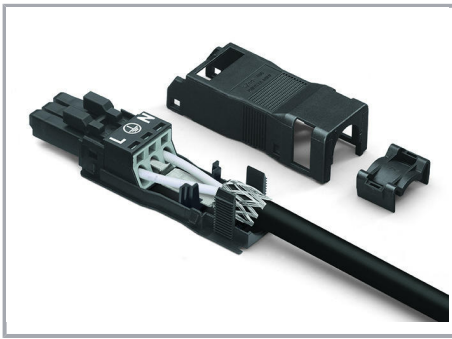


Push the shield connecting plate into the connector until fully inserted.

Strip length, outer insulation = 30 mm

Shield length = 8 mm

/



First insert wired connector into strain relief housing, then snap the clamp and cover.

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