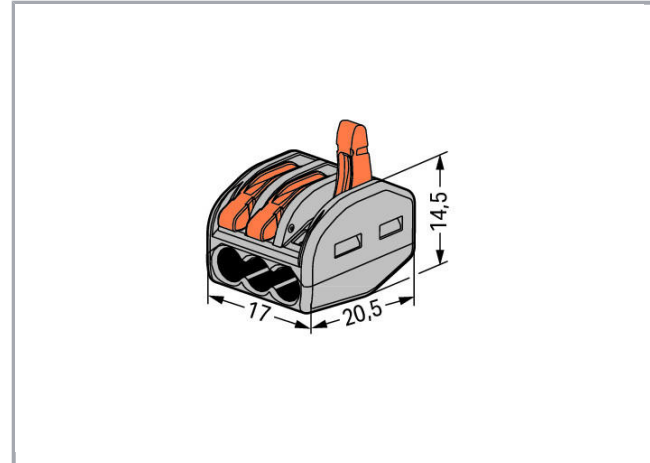


## Fișă tehnică | Număr articol: 222-413

CLASSIC Splicing Connector; for all conductor types; max. 4 mm<sup>2</sup>; 3-conductor; with levers; gray housing; Surrounding air temperature: max 40° C; 2,50 mm<sup>2</sup>; gray

[www.wago.com/222-413](http://www.wago.com/222-413)



RoHS  Compliant

BOMcheck.net

Culoare: ■

### Descriere articol

**Safety information 1:**  
in grounded power lines

### Date

#### Electrical data

#### Ratings per IEC/EN 60664-1

Ratings per	EN 60664
Nominal voltage (II/2)	400 V
Rated surge voltage (II/2)	4 kV

Supus modificărilor.

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/Representative Office Romania  
Sos. Pipera-Tunari nr. 1/1  
building 1, 2nd floor | 077190 Voluntari, Ilfov  
Tel.: +40-(0)31 421 85 68 | Email: info-RO@wago.com

Aveți întrebări despre produsele noastre?  
Vă stăm la dispoziție pentru preluarea apelului la +40 (0) 31 421 85 68.



Rated current	32 A
Legend (ratings)	(II / 2) $\triangleq$ Overvoltage category II / Pollution degree 2

### Connection data

Connection technology	CAGE CLAMP®
Actuation type	Lever
Connectable conductor materials	Copper
Solid conductor	0,08 ... 2,5 mm <sup>2</sup> / 28 ... 12 AWG
Stranded conductor	0,08 ... 2,5 mm <sup>2</sup> / 28 ... 12 AWG
Fine-stranded conductor	0,08 ... 4 mm <sup>2</sup> / 28 ... 12 AWG
Strip length	9 ... 10 mm / 0.35 ... 0.39 inch
Total number of connection points	3
Total number of potentials	1
Wiring type	Side-entry wiring

### Geometrical Data

Width	17 mm / 0.669 inch
Height	14,5 mm / 0.571 inch
Depth	20,5 mm / 0.807 inch

### Material Data

Color	gray
Flammability class per UL94	V0
Fire load	0,088 MJ
Weight	4,3 g

### Environmental Requirements

Surrounding air temperature (operation)	40 °C
Continuous operating temperature	85 °C

### Commercial data

Product Group	7 (Push Wire Conn.)
Packaging type	BOX
Country of origin	DE
GTIN	4017332955676
Customs tariff number	85369010000


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 Vă stăm la dispoziție pentru preluarea apelului la +40 (0) 31 421 85 68.

## Aprobări / certificate



## Country specific Approvals

Emblemă	Aprobare	Text de aprobare suplimentar	Nume certificat
	<b>ENEC 15</b> UL International Demko A/S	EN 60998	ENEC-01360

## Ship Approvals

Emblemă	Aprobare	Text de aprobare suplimentar	Nume certificat
	<b>ABS</b> American Bureau of Shipping	-	18-HG1755093-PDA
	<b>DNV GL</b> Det Norske Veritas, Germanischer Lloyd	EN 60998	TAE000015T
	<b>LR</b> Lloyds Register	EN 60998	04/20013 (E8)

## UL-Approvals

Emblemă	Aprobare	Text de aprobare suplimentar	Nume certificat
	<b>UL</b> UL International Germany GmbH	UL 486C	E69654
	<b>UL</b> Underwriters Laboratories Inc.	UL 467	E201573

## Counterpart




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 building 1, 2nd floor | 077190 Voluntari, Ilfov  
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Aveți întrebări despre produsele noastre?  
 Vă stăm la dispoziție pentru preluarea apelului la +40 (0) 31 421 85 68.

## Produse compatibile

### Mounting adapter

	<b>Nr. articol: 222-500</b> Mounting carrier; 222 Series; for DIN-35 rail mounting/screw mounting; orange	<a href="http://www.wago.com/222-500">www.wago.com/222-500</a>
	<b>Nr. articol: 222-505</b> Strain relief plate; for mounting carrier; 221 or 222 Series, can be snapped	<a href="http://www.wago.com/222-505">www.wago.com/222-505</a>
	<b>Nr. articol: 222-510</b> Angled DIN-rail adapter; in combination with mounting carrier; 221-500 or 222-500; for DIN-35 rail mounting; gray	<a href="http://www.wago.com/222-510">www.wago.com/222-510</a>

## Descărcări

### Documentation

#### Additional Information

Technical explanations	Apr 3, 2019	pdf 2,1 MB	Descărcare
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## CAD/CAE-Data

### CAD data

2D/3D Models 222-413	URL	Descărcare
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### CAE data

EPLAN Data Portal 222-413	URL	Descărcare
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WSCAD Universe 222-413	URL	Descărcare
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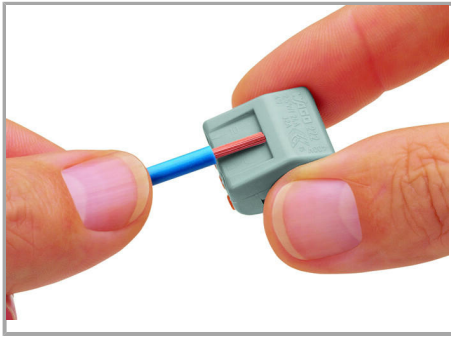
## Installation Notes

### Conductor termination

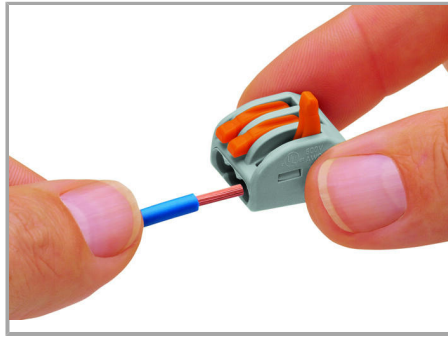
Supus modificărilor.

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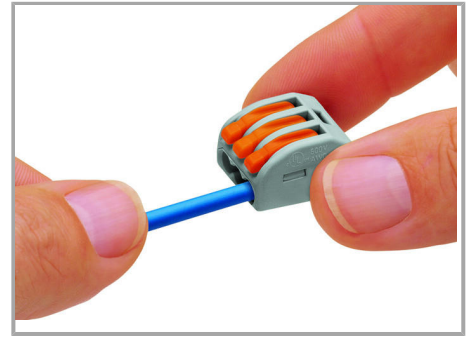
Aveți întrebări despre produsele noastre?  
Vă stăm la dispoziție pentru preluarea apelului la +40 (0) 31 421 85 68.



Strip conductor to 9 ... 10 mm (0.35 ... 0.39 inch).



Termination: Lift the lever to open the clamping unit and insert a stripped conductor.



Then, lower the lever to close the clamp.

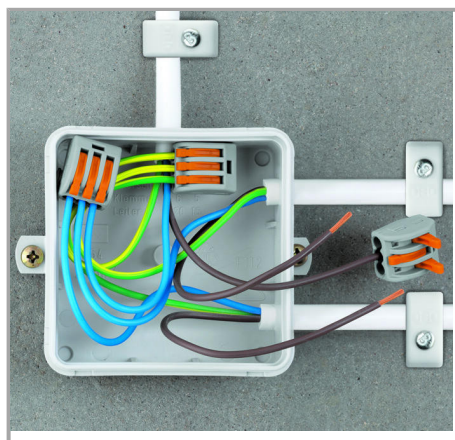
### Testing



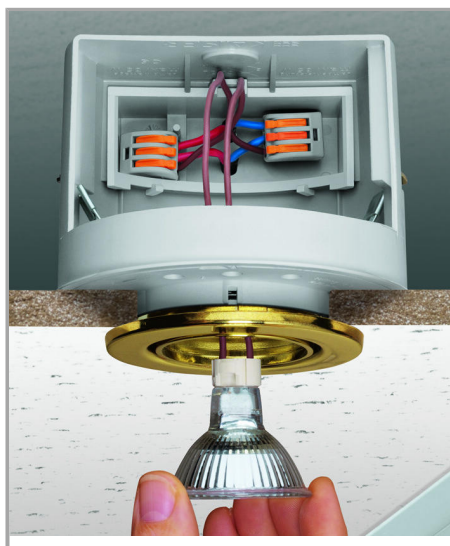
Testing via Profi-LED+ voltage tester (206-806).

### Application

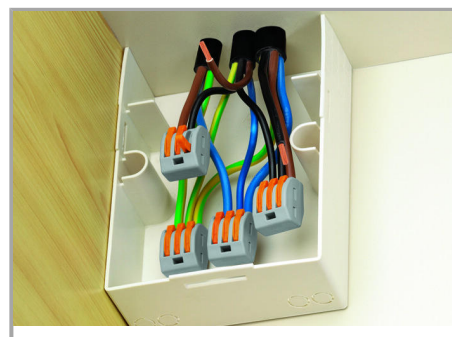
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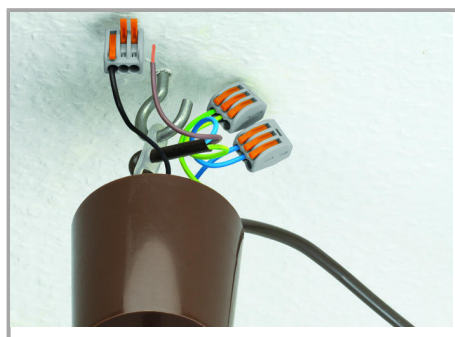
Wiring fine-stranded conductors in a junction box.



Custom low-voltage lighting system

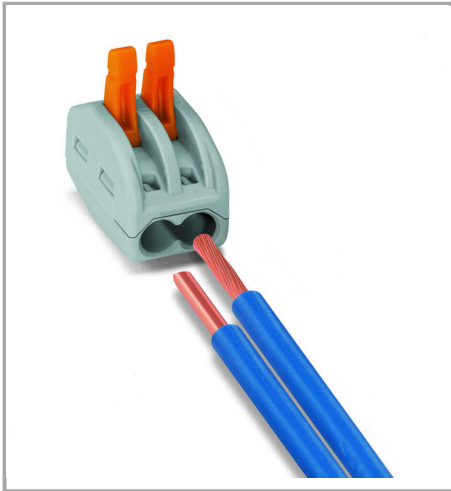


Connecting pre-wired and pre-fabricated components (e.g., in mobile homes).



Lighting fixture connection with fine-stranded wires and power feed

Supus modificărilor.



**Compact, lever-operated splicing connectors:**

Tool-free connection of up to five stripped, fine-stranded conductors from 0.08 ... 4 mm<sup>2</sup> (28 ... 12 AWG), as well as solid or stranded conductors up to 2.5 mm<sup>2</sup> (12 AWG).

**This is how it works:**

Pull up one of the orange operating levers to open the clamping unit so that the lever engages and keeps the clamp in its opened position. Then insert the conductor and push the lever back down, flush with the connector housing.

**Safety:**

The specially designed rest position of the lever reliably prevents accidental unclamping of a connected conductor.

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Application safety, for any type of conductor (solid, stranded, fine-stranded), is confirmed by approvals like ENEC or UL.

ENEC is the European mark for electrical products that demonstrates compliance with European safety standards. The ENEC mark is subjected to the same EN standards as the VDE mark.

While the VDE mark is only permitted in Germany, the ENEC mark is accepted in more than 20 European countries.

Supus modificărilor.