

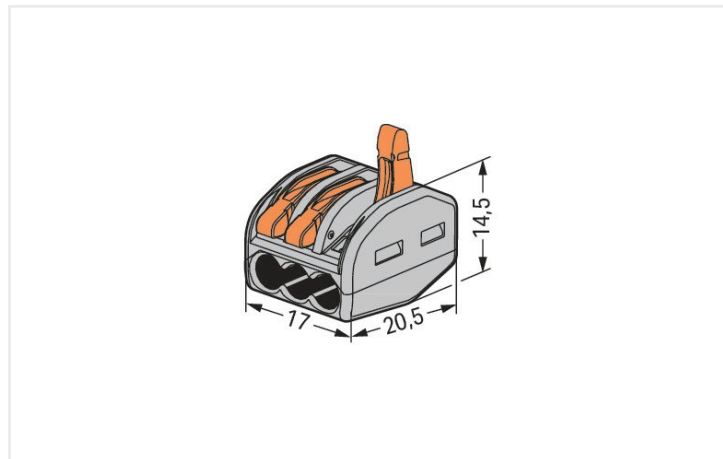
| : 222-413

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

<https://www.wago.com/222-413>



: ■ gray



Dimensions in mm

### Notes

Safety information 1

in grounded power lines

### Electrical data

#### Ratings per IEC/EN

Ratings per	EN 60664
Nominal voltage (U <sub>N</sub> /2)	400 V
Rated surge voltage (U <sub>s</sub> /2)	4 kV
Rated current	32 A
Legend (ratings)	(II / 2) ≙ Overvoltage category II / Pollution degree 2

### Connection data

Total number of connection points	3
Total number of potentials	1

#### Connection 1

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 inches
Wiring direction	Side-entry wiring

## Physical data

Width	17 mm / 0.669 inches
Height	14.5 mm / 0.571 inches
Depth	20.5 mm / 0.807 inches

## Material data

Note (material data)	<a href="#">Information on material data can be found here</a>
Color	gray
Flammability class per UL94	V0
Fire load	0.088 MJ
Actuator color	orange
Weight	4.2 g

## Environmental requirements

Ambient temperature (operation)	+40 °C
Continuous operating temperature	85 °C

## Commercial data

Product Group	7 (Push Wire Conn.)
eCl@ss 10.0	27-14-11-04
eCl@ss 9.0	27-14-11-04
ETIM 8.0	EC000446
ETIM 7.0	EC000446
PU (SPU)	500 (50) Stück
Packaging type	Box
Country of origin VKOrg Germany	DE
GTIN	4017332955676
Customs tariff number VKOrg Germany	8536901000

## Approvals and certificates

### Country specific Approvals



ENEC 15	EN 60998	ENEC-01360
UL International Demko A/S		

### Ship Approvals



ABS American Bureau of Shipping	-	18-HG1755093-PDA
DNV GL Det Norske Veritas, Germanischer Lloyd	EN 60998	TAE000015T
LR Lloyds Register	EN 60998	04/20013 (E8)

## UL-Approvals



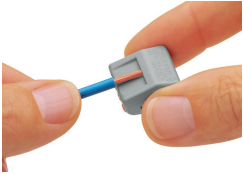
UL  
UL International Germany  
GmbH

UL 486C

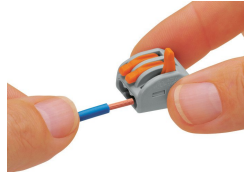
E69654

## Installation notes

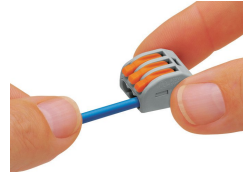
### Conductor termination



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.



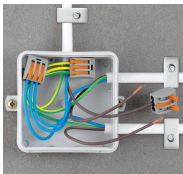
Then, lower the lever to close the clamp.

## Testing



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

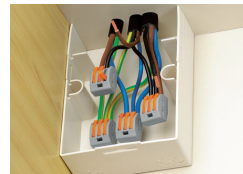
## Application



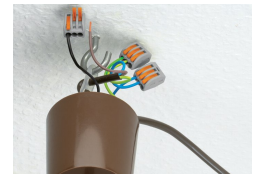
Wiring fine-stranded conductors in junction boxes.



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



Compact, lever-operated splicing connectors:

They connect up to five stripped, fine-stranded conductors from 0.08 to 4 mm<sup>2</sup> (28 ... 12 AWG), as well as solid or stranded conductors from up to 2.5 mm<sup>2</sup> (12 AWG) – without tools!

How they work:

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 lever's specially designed rest position reliably prevents accidental unclamping of a connected conductor. 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.