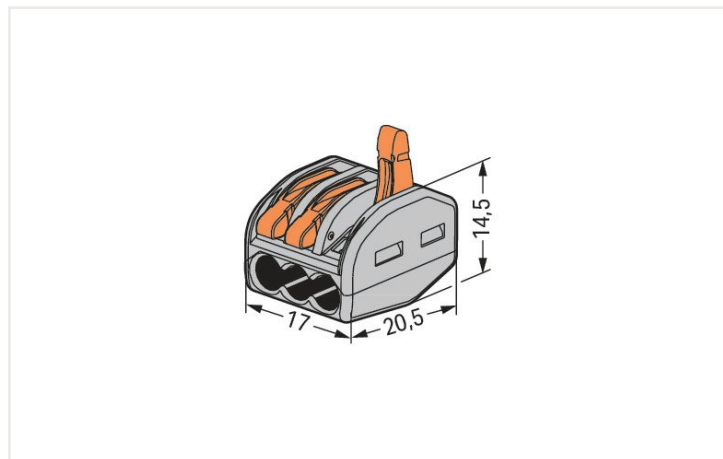


## Data sheet | Item number: 222-413

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>



Dimensions in mm

### Notes

Safety information 1

in grounded power lines

### Electrical data

#### Ratings per IEC/EN

Ratings per	EN 60664
Nominal voltage (II/2)	400 V
Rated surge voltage (II/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	0.099 MJ
Actuator color	orange
Weight	4.3 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



Approval	Standard	Certificate name
ENEC 15 UL International Demko A/ S	EN 60998	ENEC-01360

#### Ship Approvals



Approval	Standard	Certificate name
ABS American Bureau of Ship- ping	-	18-HG1755093-PDA
DNV GL Det Norske Veritas, Ger- manischer Lloyd	EN 60998	TAE000015T
LR Lloyds Register	EN 60998	LR22207029TA

**UL-Approvals**



Approval	Standard	Certificate name
UL UL International Germany GmbH	UL 486C	E69654

**Downloads**

**Environmental Product Compliance**

Compliance Search
Environmental Product Compliance 222-413 <a href="#">↓</a>

**Documentation**

Additional Information		
Technical Section	pdf 2142.18 KB	<a href="#">↓</a>

Bid Text				
222-413	19.02.2019	xml 3.37 KB	<a href="#">↓</a>	
222-413	23.01.2019	docx 15.39 KB	<a href="#">↓</a>	

**CAD/CAE-Data**

CAD data
2D/3D Models 222-413 <a href="#">↓</a>

CAE data	
EPLAN Data Portal 222-413	<a href="#">↓</a>
WSCAD Universe 222-413	<a href="#">↓</a>
ZUKEN Portal 222-413	<a href="#">↓</a>

## 1 Compatible products

### 1.1 Optional accessories

#### 1.1.1 Mounting adapter

##### 1.1.1.1 Mounting accessories

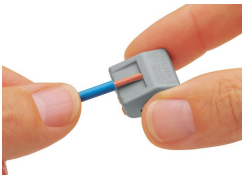


**Item no.:** 222-500

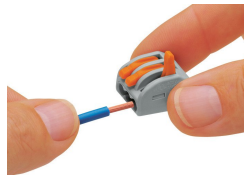
Mounting carrier; 222 Series; for DIN-35 rail mounting/screw mounting; orange

## Installation notes

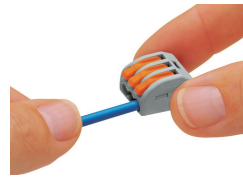
### Conductor termination



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.



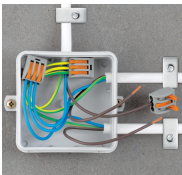
Then, lower the lever to close the clamp.

## Testing



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

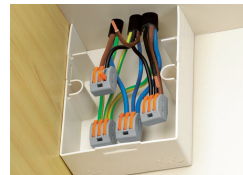
## Application



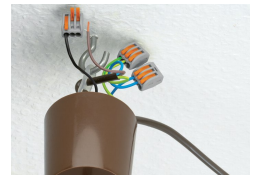
Wiring fine-stranded conductors in junction boxes.



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

Subject to changes. Please also observe the further product documentation!

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Current addresses can be found at: [www.wago.com](http://www.wago.com)