

## Data Sheet | Item Number: 222-413

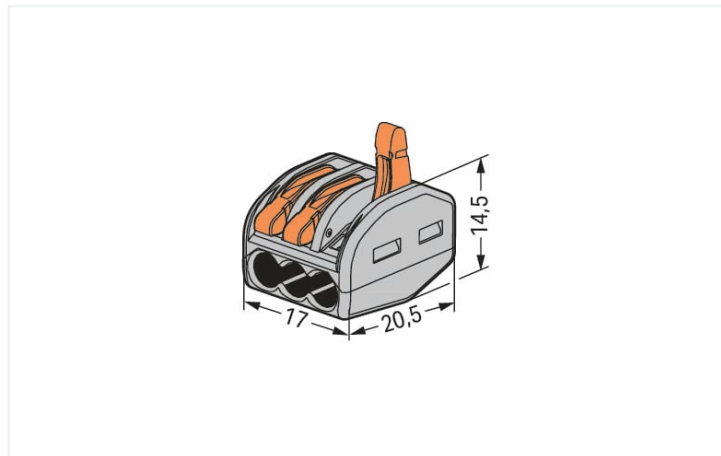
Conector CLASSIC; pentru toate tipurile de conductori; max. 4 mm<sup>2</sup>; 3 conductori;  
cu levier; carcasă gri; Temperatură aer ambiant: max 40°C; 2,50 mm<sup>2</sup>; gri



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



Color: ■ gri



Dimensions in mm

### Notes

Safety information

in grounded power lines

### Electrical data

Ratings per	EN 60664		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	-	-	400 V
Rated surge voltage	-	-	4 kV
Rated current	-	-	32 A

### Connection data

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 inci
Wiring direction	Side-entry wiring

### Physical data

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

### Material data

Note (material data)	<a href="#">Information on material specifications can be found here</a>
Color	gri
Flammability class per UL94	V0
Fire load	0.088 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) Buc.
Packaging type	Box
Country of origin	DE
GTIN	4017332955676
Customs tariff number	85369010000

### Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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### Approvals / Certificates

#### General approvals



Approval	Standard	Certificate Name
ENEC 15 UL International Demko A/ S	EN 60998	ENEC-01360
UL_Listed_64KA UL International Germany GmbH	UL 467	E201573
UL UL International Germany GmbH	UL 486C	E69654

#### Declarations of conformity and manufacturer's declarations

Approval	Standard	Certificate Name
EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
UK-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-

## Approvals for marine applications



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

## Downloads

## Documentation

## Bid Text

Item No.	Date	File Name	Size	Download
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	CAE data
2D/3D Models 222-413 <a href="#">↓</a>	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

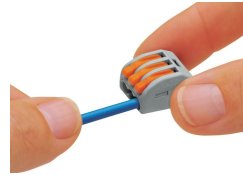
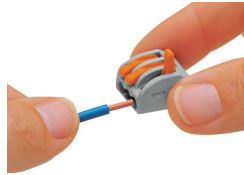
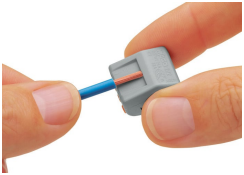
## 1.1.1.1 Mounting accessories

[Item No.: 222-500](#)

Suport de montaj; Seria 222; pt mont. pe  
șină DIN 35/montare cu șurub; portocaliu

## 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.

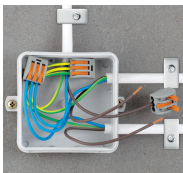
Then, lower the lever to close the clamp.

### Testing



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

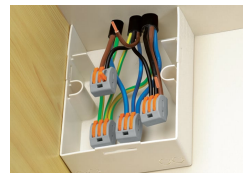
### Application



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

