

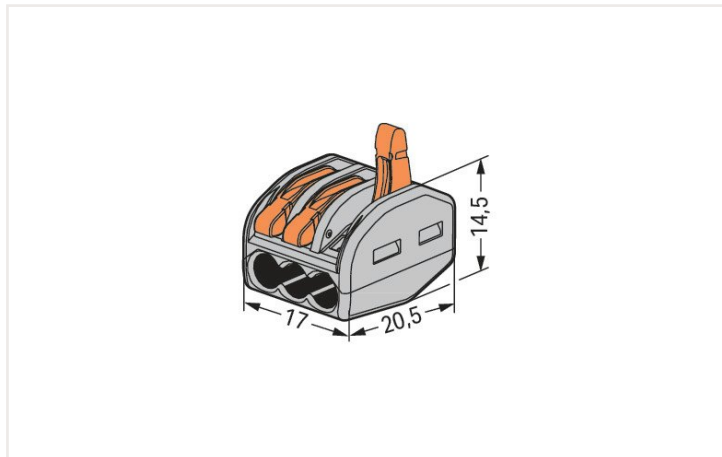
## 规格书 | Item number: 222-413

CLASSIC导线连接器; 适于多种导线类型; max. 4 mm<sup>2</sup>; 3线; 带有操作手柄; 灰色外壳;  
工作环境温度 : 最大40 °C; 2,50 mm<sup>2</sup>; 灰色

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



颜色: ■ 灰色



外形尺寸 (单位 : mm)

### Notes

安全信息 1

指对地而言

### 电气参数

#### Ratings per IEC/EN

额定电气参数依据的标准	EN 60664
额定电压(II/2)	400 V
额定浪涌电压(II/2)	4 kV
额定电流	32 A
图例(额定电气参数)	(II / 2) 过电压类别II/污染等级2

### 接线参数

连接点总数	3
电位总数量	1

#### Connection 1

连接技术	笼式弹簧接线单元(CAGE CLAMP®)
执行类型	操作手柄
可连接导线材料	铜
单股导线	0.08 ... 2.5 mm <sup>2</sup> / 28 ... 12 AWG
多股绞合导线	0.08 ... 2.5 mm <sup>2</sup> / 28 ... 12 AWG
细多股导线	0.08 ... 4 mm <sup>2</sup> / 28 ... 12 AWG
剥线长度	9 ... 10 mm / 0.35 ... 0.39 inch
接线类型	侧面接线

### Geometrical Data

宽度	17 mm / 0.669 inch
高度	14.5 mm / 0.571 inch
深度	20.5 mm / 0.807 inch

### 材料参数

Note (material data)	<a href="#">Information on material data can be found here</a>
颜色	灰色
UL94阻燃等级	V0
火灾荷载	0.088 MJ
执行器颜色	橙色
重量	4.2 g

### Environmental Requirements

允许环境温度(运行时)	+40 °C
持续工作温度	85 °C

### 商业数据

Product Group	7 (Push Wire Conn.)
eCl@ss 10.0	27-14-11-04
eCl@ss 9.0	27-14-11-04
ETIM 7.0	EC000446
ETIM 6.0	EC000446
PU (SPU)	500 (50)
包装类型	Box
原产国	DE
GTIN	4017332955676
海关税号	85369010000

### 认证 / 证书

#### 国家具体认证



认证	其他认证信息	认证名称
ENEC 15 UL International Demko A/ S	EN 60998	ENEC-01360

#### 船级社认证



认证	其他认证信息	认证名称
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	04/20013 (E8)

**UL认证**



认证	其他认证信息	认证名称
UL UL International Germany GmbH	UL 486C	E69654

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Environmental Product Compliance 222-413	↓

**文档**

Additional Information		
Technical Section	pdf 2142.18 KB	↓

Bid Text				
222-413	19.02.2019	xml 3.37 KB	↓	
222-413	23.01.2019	docx 15.39 KB	↓	

**CAD/CAE-Data**

CAD data	
2D/3D Models 222-413	↓

CAE data	
EPLAN Data Portal 222-413	↓
WSCAD Universe 222-413	↓
ZUKEN Portal 222-413	↓

## 1 相关产品

### 1.1 可选配件

#### 1.1.1 安装支架

##### 1.1.1.1 安装用附件

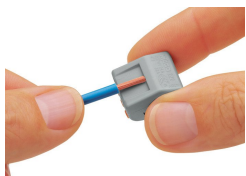


Item no.: 222-500

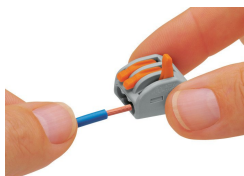
轨装支架; 222系列; 适于DIN-35导轨安装/螺钉安装; 橙色

## 操作说明

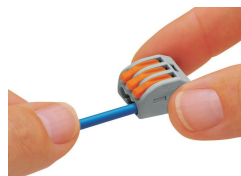
### 连接导线



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.



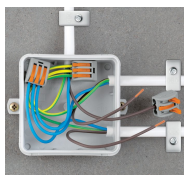
Then, lower the lever to close the clamp.

## 测试



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

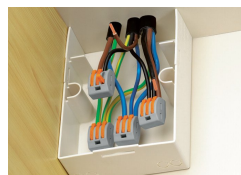
## 应用



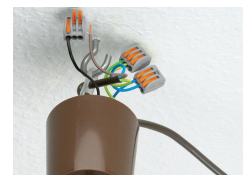
Wiring fine-stranded conductors in junction boxes.



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.