

Data
Notes

Safety information 1	in grounded power lines
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Electrical data

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	5
Total number of potentials	1
Connection technology	CAGE CLAMP®
Actuation type	Lever

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

WAGO Corporation
Germantown, WI 53022
Phone: 1-800-DIN-RAIL (346-7245) | Fax: (262) 255-6222
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Connectable conductor materials	Copper
Solid conductor	0.08 ... 2.5 mm ² / 28 ... 12 AWG
Stranded conductor	0.08 ... 2.5 mm ² / 28 ... 12 AWG
Fine-stranded conductor	0.08 ... 4 mm ² / 28 ... 12 AWG
Strip length	9 ... 10 mm / 0.35 ... 0.39 inch
Wiring direction	Side-entry wiring

Physical data

Width	26.6 mm / 1.047 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	0.13 MJ
Color of actuator	orange
Weight	6.6 g

Environmental requirements

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

Commercial data

Product Group	7 (Push Wire Conn.)
PU (SPU)	400 (40) Stück
Packaging type	box
Country of origin	DE
GTIN	4044918464956
Customs tariff number	85369010000

Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	ENEC 15	EN 60998	ENEC-
	UL International Demko A/S		01360



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Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
	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

Logo	Approval	Additional Approval Text	Certificate name
	UL UL International Germany GmbH	UL 486C	E69654

Optional accessories

Mounting adapter

Mounting accessories



Item no.: 222-500

Mounting carrier; for 222 series splicing connectors; orange

www.wago.com/222-500

Downloads

Documentation

Bid Text

222-415 X81 - Datei	Feb 19, 2019	xml 3.5 kB	Download
222-415	Jan 23, 2019	docx	Download

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docx - Datei

15.8 kB

Additional Information

Technical explanations

Apr 3, 2019

pdf
2.2 MB

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CAD files**CAE data**

EPLAN Data Portal 222-415

URL

Download

WSCAD Universe 222-415

URL

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ZUKEN Portal 222-415

URL

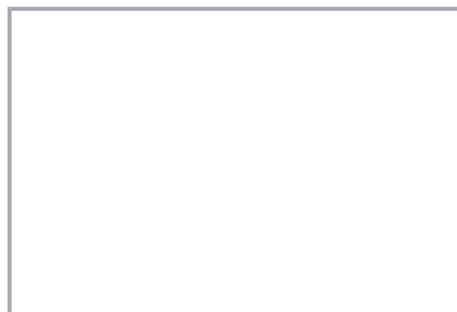
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CAD data

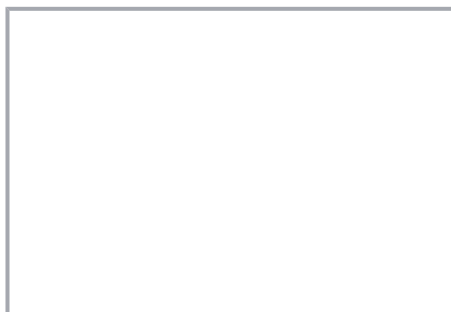
2D/3D Models 222-415

URL

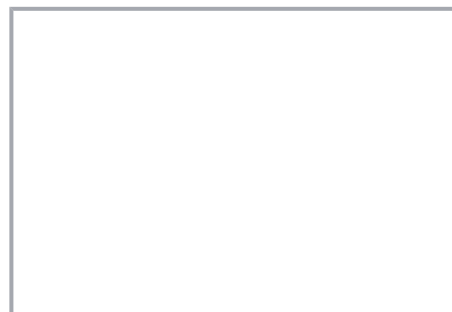
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Installation Notes**Conductor termination**

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

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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

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Compact, lever-operated splicing connectors:

They connect up to five stripped, fine-stranded conductors from 0.08 to 4 mm² (28 ... 12 AWG), as well as solid or stranded conductors from up to 2.5 mm² (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.

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