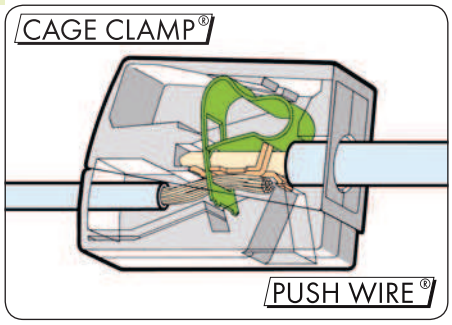
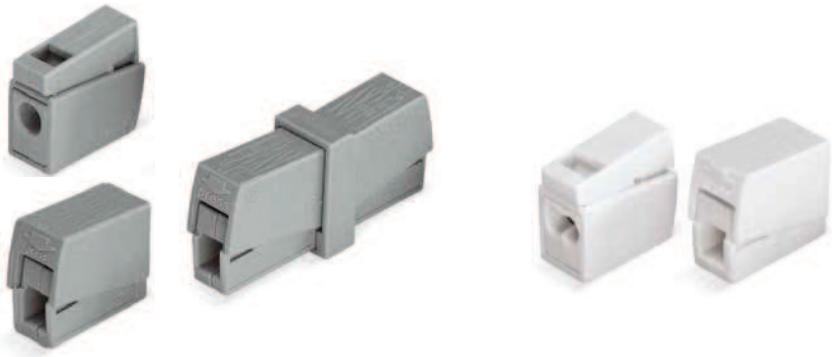
Lighting Connectors and "Service" Connectors
224 Series

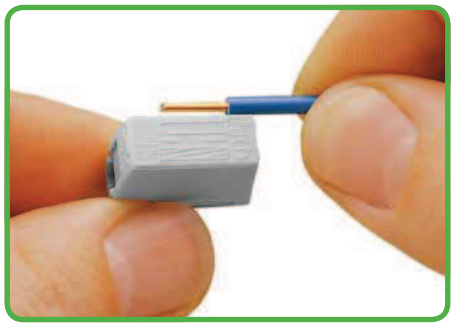
PUSH WIRE®
CAGE CLAMP®



Installation side		Installation side	
1 - 2.5 mm² "sol."	AWG 14 - 12	2 x 1.0 - 2.5 mm² "sol."	AWG 16 - 14
Lighting side		Lighting side	
0.5 - 2.5 mm² "s+f-st"	AWG 20 - 16	0.5 - 2.5 mm² "s+f-st"	AWG 20 - 16
400 V/4 kV/2*, I_N 24 A	300 V, 20 A	400 V/4 kV/2*, I_N 24 A	300 V, 20 A
9 - 11 mm / 0.39 in		9 - 11 mm / 0.39 in	
❶ Approvals		❶ Approvals	

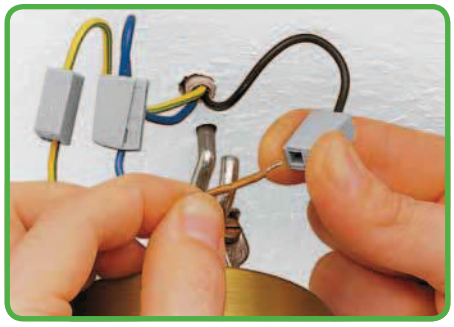


Strip length



Strip conductor to 9 – 11 mm/0.39 in.

Conductor termination



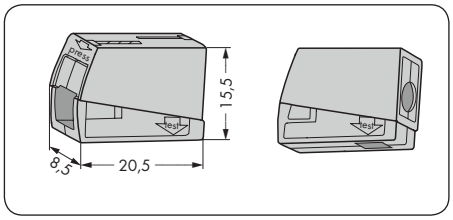
Lighting-side termination:
Press button, insert stripped conductor into square entry and release.

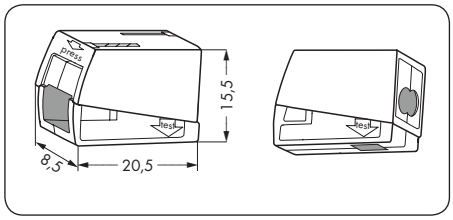


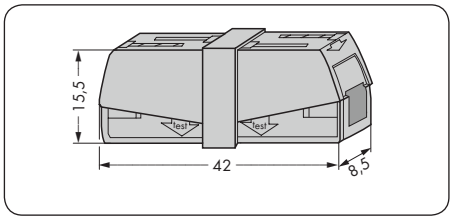
Installation-side termination:
Insert stripped solid conductor into circular entry and push until it hits the backstop.

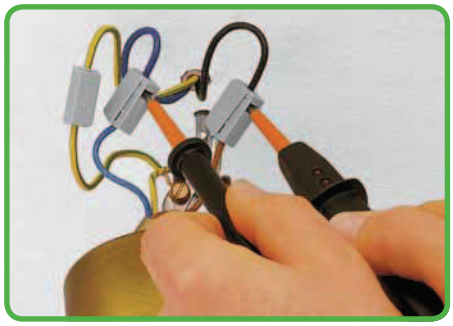
Color	Item No.	Pack. Unit	Color	Item No.	Pack. Unit
Lighting connector,			**2-conductor lighting connector,**		
standard version,			standard version,		
continuous service temperature: 105°C			continuous service temperature: 105°C		
gray	**224-101**	1000	white	**224-112**	1000
Version for increased			Version for increased		
continuous service temperature of 120°C			continuous service temperature of 120°C		
black	**224-104**	100	black	**224-114**	100
"Service" connector					
gray	**224-201**	50			

Dimensions and Handling









Testing through separate test slot.

CAGE CLAMP® clamps the following copper conductors:



solid



stranded



fine-stranded



tip-bonded



with ferrule ❷



with pin terminal

PUSH WIRE® clamps the following copper conductors:

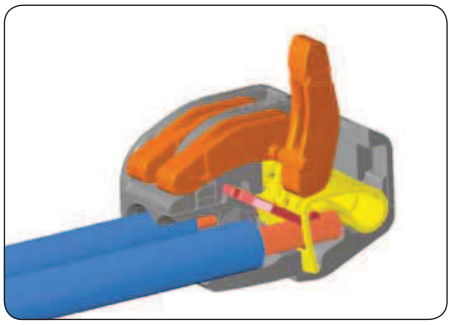


solid

❶ Approvals are available online at: www.wago.com.

Strip length, see packaging or instructions.

Compact Splicing Connectors for Fine-Stranded Conductors
222 Series

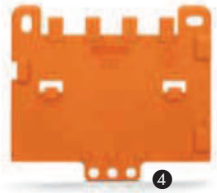


0.08 - 2.5 mm² "s+st" 0.08 - 4 mm² "f-st" 400 V/4 kV/2* I_N 32 A	AWG 28 - 14 "s+f-st" AWG 28 - 12 "f-st" 600 V, 20 A Ⓤ
9 – 10 mm / 0.37 in ❶ Approvals	Mounting carrier, strain relief plate and angled DIN-rail adapter for 222 Series compact splicing connectors











Color	Item No.	Pack. Unit
Compact splicing connector,		
with levers,		
max. continuous service temperature: 85 °C		
2-conductor connector		
gray	**222-412**	500
3-conductor connector		
gray	**222-413**	500
5-conductor connector		
gray	**222-415**	400

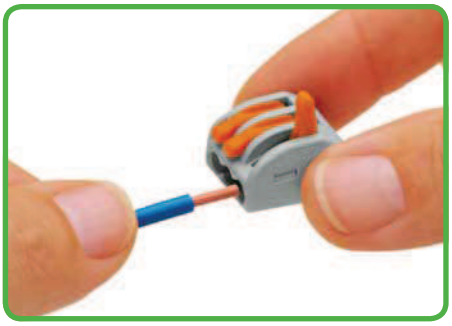
Color	Item No.	Pack. Unit
Mounting carrier ❸,		
for 2, 3 and 5-conductor compact splicing connectors		
orange	**222-500**	50 (5x10)
Strain relief plate ❹, for mounting carrier		
orange	**222-505**	50 (5x10)
Angled DIN-rail adapter ❺, for DIN 35-rail mounting		
gray	**222-510**	50 (5x10)
Self-adhesive marking strips, plain		
white	**210-334**	1 card

Strip length

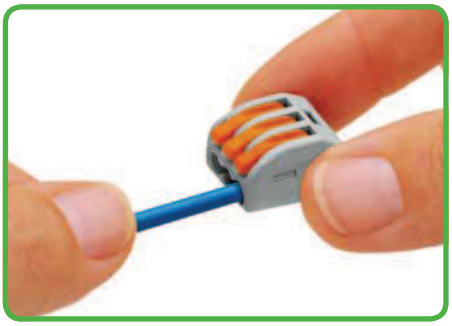


Strip conductor to 9 – 10 mm / 0.37 in.

CAGE CLAMP® COMPACT connection

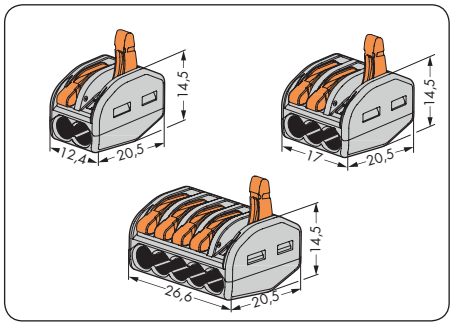


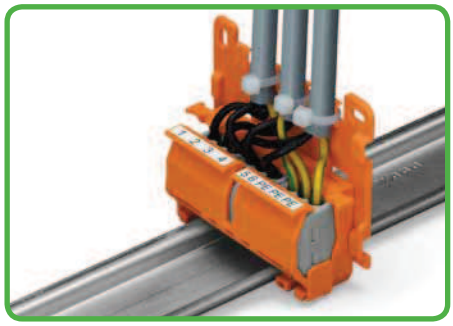
Conductor termination: Open clamping unit using the lever and insert conductor.



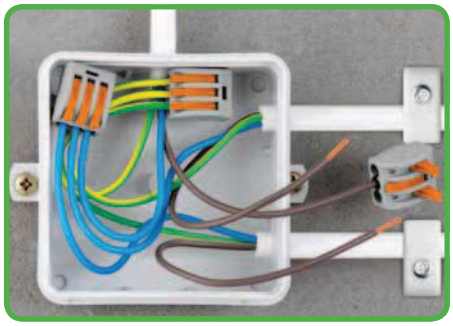
Then, lower lever to close the clamp.

Dimensions and Handling

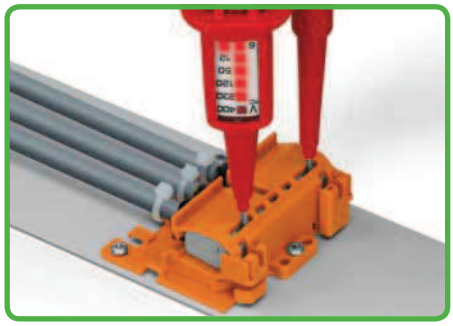




Vertical mounting with strain relief plate on DIN 35 rail.
Marking clamping units via marking strips.



Wiring fine-stranded conductors in a junction box.



Testing connectors via test slots on top of the carrier.

CAGE CLAMP® clamps the following copper conductors:



solid | stranded | fine-stranded | tip-bonded | with ferrule ❷ | with pin terminal

❷ With ferruled conductors, the max. conductor cross section accommodated is one size smaller than max. rating of terminal block.
For technical explanations and abbreviations, see technical section.

*In grounded power lines

WAGO®