















WAGO Splicing Connectors
WAGO Lighting Connectors

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COMPACT Splicing Connectors for Solid Conductors

2273 Series

Description and Installation

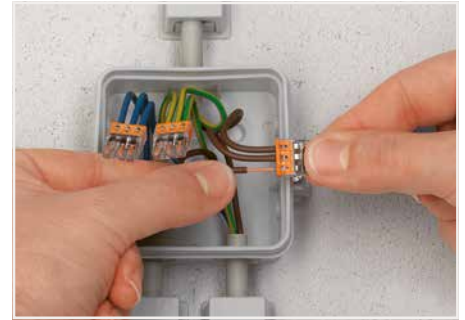


Advantages:

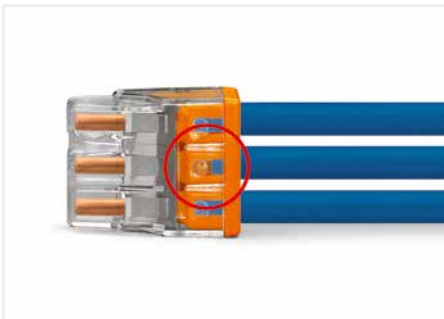
- Convenient wiring via extremely compact design
- Push-in termination of up to eight solid conductors
- Cross section range: 0.5 ... 2.5 mm² (18 ... 14 AWG)
- Any combination of conductor sizes is possible
- PUSH WIRE® connection terminates solid ("s") copper conductors



Strip solid conductor to 11 mm/0.43 inch (see marking).



Termination: Insert the stripped solid conductor until it hits backstop.



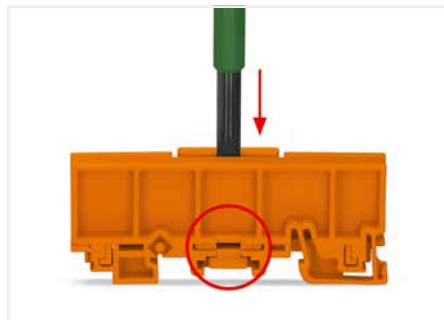
The transparent housing shows if conductors are fully inserted; within the colored base, a clear port shows if the conductor's strip length is correct. Conductors are correctly stripped if the clear port shows no bare conductor on the unprinted connector side. Picture shows center conductor with exceeded strip length.



Removal: Hold conductor to be removed and twist alternately left and right while pulling the connector.



Testing via test port opposite to conductor entry.



One single carrier can hold up to 24 clamping units in a very narrow space. Previously, this was only possible using rail-mount terminal blocks.

Advantages:

- Mount carrier onto DIN-35 rail or via screws – easily and quickly
- Accommodate three 2.5 mm² (12 AWG) 2273 Series Connectors in a single carrier
- Easily exchange connectors
- Large marking area for self-adhesive marking strips or for direct marking with permanent felt-tip pen

PUSH WIRE® Connectors in Distribution Boxes

During distribution box retrofits or expansions, conductors often require extensions or additional clamping points. Individual PUSH WIRE® connectors (e.g., 2273 Series) are approved as interconnect components for building wiring applications per EN 60998. Application standards for building installation (e.g., Parts 510 and 520 from DIN VDE 0100) also place the following requirements on junction box connectors:

- They must be arranged so that operation, inspection, maintenance and access to the removable connectors is simplified.
- It must be possible to test them.
- Conductors connected from outside must be clearly and permanently assigned to their associated circuits.



To adjust the mounting carrier, unlock the latch via operating tool (5.5 mm blade) and move the clamping slide to the required width by rotating the tool.



The mounting carrier is suitable for both connector widths.

These requirements cannot be met with PUSH WIRE® connectors alone. In combination with mounting carriers, the PUSH WIRE® connectors clearly meet these requirements, making them comparable to rail-mount terminal blocks. Using PUSH WIRE® connectors with mounting carriers in distribution boxes is accepted by testing authorities.



PUSH WIRE® terminates the following copper conductors: solid "s"

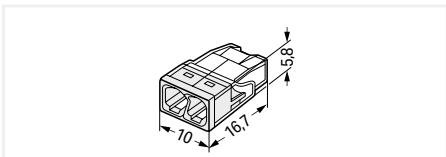
COMPACT Splicing Connector for Solid Conductors and Mounting Carrier

2.5 mm²; 2273 Series

Technical Data	
0.5 ... 2.5 mm ² "s"	20 ... 16 AWG "s"
450 V/4 kV/2	600 V, 20 A [Ⓢ]
I _N 24 A	
□ 11 mm / 0.43 inch	



Dimensions in mm



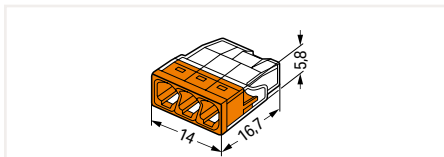
COMPACT splicing connector; 2-wire connector; transparent housing; white cover; continuous operating temperature (max.): 105 °C; surrounding air temperature (max.): 60 °C (T60)

Item No.	Pack. Unit
2273-202	1000 (100)

Technical Data	
0.5 ... 2.5 mm ² "s"	20 ... 16 AWG "s"
450 V/4 kV/2	600 V, 20 A [Ⓢ]
I _N 24 A	
□ 11 mm / 0.43 inch	



Dimensions in mm



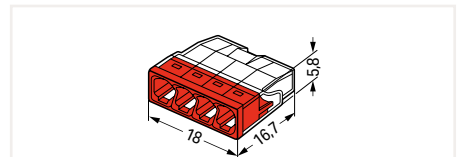
COMPACT splicing connector; 3-wire connector; transparent housing; orange cover; continuous operating temperature (max.): 105 °C; surrounding air temperature (max.): 60 °C (T60)

Item No.	Pack. Unit
2273-203	1000 (100)

Technical Data	
0.5 ... 2.5 mm ² "s"	20 ... 16 AWG "s"
450 V/4 kV/2	600 V, 20 A [Ⓢ]
I _N 24 A	
□ 11 mm / 0.43 inch	



Dimensions in mm

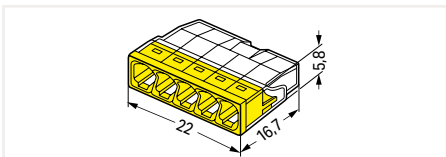


COMPACT splicing connector; 4-wire connector; transparent housing; red cover; continuous operating temperature (max.): 105 °C; surrounding air temperature (max.): 60 °C (T60)

Item No.	Pack. Unit
2273-204	1000 (100)



Dimensions in mm

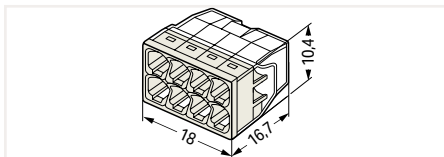


COMPACT splicing connector; 5-wire connector; transparent housing; yellow cover; continuous operating temperature (max.): 105 °C; surrounding air temperature (max.): 60 °C (T60)

Item No.	Pack. Unit
2273-205	1000 (100)



Dimensions in mm



COMPACT splicing connector; 8-wire connector; transparent housing; light gray cover; continuous operating temperature (max.): 105 °C; surrounding air temperature (max.): 60 °C (T60)

Item No.	Pack. Unit
2273-208	500 (50)



Mounting carrier; for single- and double-row connectors

	Item No.	Pack. Unit
● orange	2273-500	50 (10)

Accessories; item-specific

Marking strip; 5 mm high; 48 self-adhesive strips per card; plain

	Item No.	Pack. Unit
□ white	210-334	100

Accessories; 2273 Series

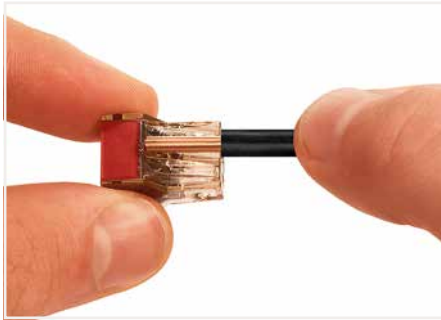
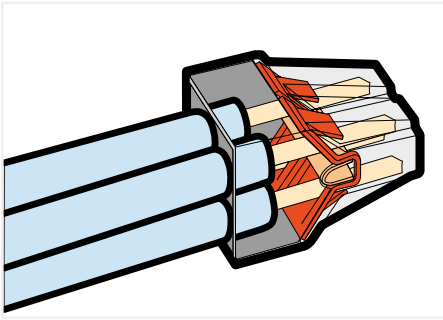
Syringe; contains 20 ml "Alu-Plus" Contact Paste

	Item No.	Pack. Unit
	249-130	20 (5)

PUSH WIRE® Connectors for Junction Boxes

773 Series

Description and Installation



Strip a solid conductor to 12 mm (0.47 inch).



Termination: Insert stripped solid conductor until it hits backstop.



Removal: Hold conductor to be removed and twist alternately left and right while pulling the connector.

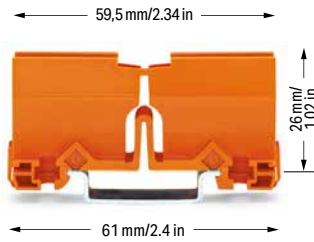


Testing



PUSH WIRE® terminates the following copper conductors: solid "s"

Mounting Carrier; for PUSH WIRE® Junction Box Connectors; for DIN-35 Rail or Screw Mount 773 Series



Use the cover as an end plate.

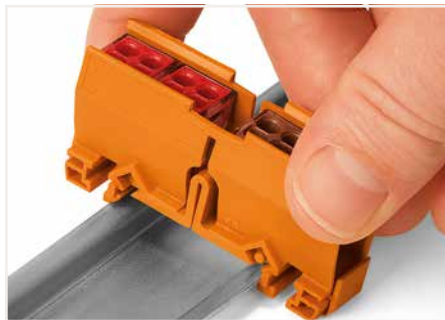
Mounting carrier; for all 773 Series PUSH WIRE® Connectors for Junction Boxes

Color	Item No.	Pack. Unit
orange	773-332	50 (10)

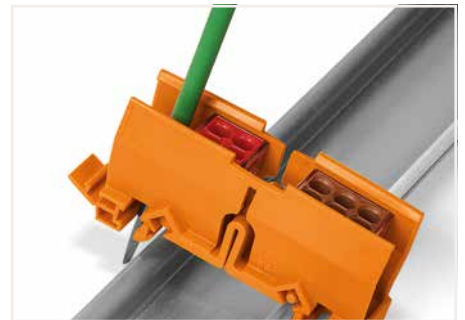
Accessories; item-specific

Marking strip; 5 mm high; 48 self-adhesive strips per card; plain

Color	Item No.	Pack. Unit
white	210-334	100



Snap the mounting carrier onto the DIN-rail.



Remove the mounting carrier from the DIN-rail.



A mounting carrier (see accessories) suits applications where the connectors must be marked and secured in position. The DIN-35 rail-mount carrier fits up to six connectors and can also be mounted on a flat surface using two screws.

Using this PUSH WIRE® connector, a large range of wiring applications can be achieved in distribution or junction boxes. To mention just a few: potential multiplication and changing from or to 6 mm² (10 AWG) conductor size.

PUSH WIRE® Junction Box Connector for Solid Conductors 4 mm²; 773 Series

Technical Data

1.5 ... 4 mm² "s"

400 V/4 kV/2 ①

I_N 32 A

12 mm / 0.47 inch

Technical Data

1.5 ... 4 mm² "s"

400 V/4 kV/2 ①

I_N 32 A

12 mm / 0.47 inch

Technical Data

1.5 ... 4 mm² "s"

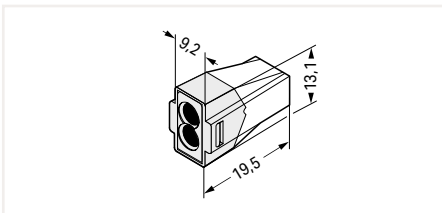
400 V/4 kV/2 ①

I_N 32 A

12 mm / 0.47 inch



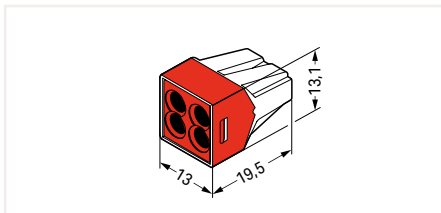
Dimensions in mm



PUSH WIRE® junction box connector for solid conductors up to 4 mm²; 2-wire connector; transparent brown housing; white cover; continuous operating temperature (max.): 105 °C; surrounding air temperature (max.): 60 °C (T60)

Item No.	Pack. Unit
773-602	1000 (100)

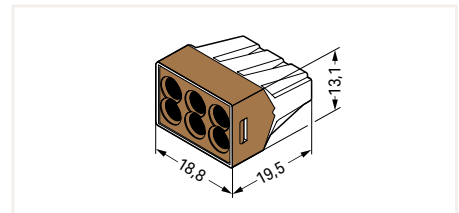
Dimensions in mm



PUSH WIRE® junction box connector for solid conductors up to 4 mm²; 4-wire connector; transparent brown housing; red cover; continuous operating temperature (max.): 105 °C; surrounding air temperature (max.): 60 °C (T60)

Item No.	Pack. Unit
773-604	1000 (100)

Dimensions in mm



PUSH WIRE® junction box connector for solid conductors up to 4 mm²; 6-wire connector; transparent brown housing; brown cover; continuous operating temperature (max.): 105 °C; surrounding air temperature (max.): 60 °C (T60)

Item No.	Pack. Unit
773-606	500 (50)

Accessories; 773 Series

Syringe; contains 20 ml "Alu-Plus" Contact Paste



249-130 20 (5)


Mounting carrier; for single- and double-row connectors




orange 773-332 50 (10)

PUSH WIRE® Connector for Junction Boxes

2.5 mm² and 6 mm²; 773 Series

Technical Data	
0.75 ... 2.5 mm ² "s"	18 ... 12 AWG "s"
1.5 ... 2.5 mm ² "st"	16 ... 12 AWG "st"
400 V/4 kV/2 ①	600 V, 20 AⓄ
I _N 24 A	600 V, 20 AⓄ
 12 mm / 0.47 inch	

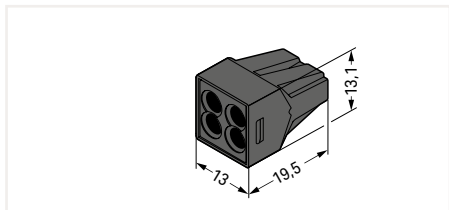
Technical Data	
2.5 ... 6 mm ² "s+st"	14 ... 10 AWG "s+st"
400 V/4 kV/2 ①	600 V, 30 AⓄ
I _N 41 A	600 V, 30 AⓄ
 12 ... 13 mm / 0.47 ... 0.51 inch	

- ① In grounded power lines
 400 V = rated voltage
 4 kV = rated impulse voltage
 2 = pollution degree
 (see Section 15)

Approvals and corresponding ratings, visit www.wago.com



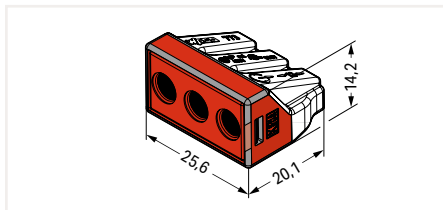
Dimensions in mm



PUSH WIRE® connector for junction boxes; 4-wire connector; continuous operating temperature: 105 °C; surrounding air temperature (max.): 105 °C

Color	Item No.	Pack. Unit
● black	773-514	1000 (100)

Dimensions in mm



PUSH WIRE® connector for junction boxes; 3-wire connector; transparent housing; red cover; continuous operating temperature (max.): 105 °C; surrounding air temperature (max.): 60 °C

Color	Item No.	Pack. Unit
● red	773-173	500 (50)



PUSH WIRE® Connectors in Distribution Boxes

During distribution box retrofits or expansions, conductors often require extensions or additional clamping points. Individual PUSH WIRE® connectors (e.g., 773 Series) are approved as interconnect components for building wiring applications per EN 60998. Application standards for building installation (e.g., Parts 510 and 520 from DIN VDE 0100) also place the following requirements on junction box connectors:

- They must be arranged so that operation, inspection, maintenance and access to the removable connectors is simplified.
- It must be possible to test them.
- Conductors connected from outside must be clearly and permanently assigned to their associated circuits.

These requirements cannot be met with PUSH WIRE® connectors alone. In combination with mounting carriers, the PUSH WIRE® connectors clearly meet these requirements, making them comparable to rail-mount terminal blocks. Using PUSH WIRE® connectors with mounting carriers in distribution boxes is accepted by testing authorities.

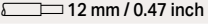
Accessories; 773 Series

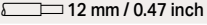
Syringe; contains 20 ml "Alu-Plus" Contact Paste

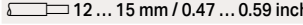
249-130 20 (5)



Ex PUSH WIRE® Connector for Junction Boxes 2.5 mm² and 6 mm²; 773 Series

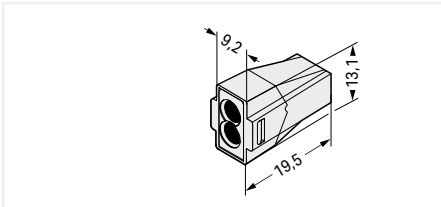
Technical Data	
0.75 ... 2.5 mm ² "s"	18 ... 14 AWG "s" 16 ... 12 AWG "st"
550 V ⓘ	
I _N 24 A	
 12 mm / 0.47 inch	

Technical Data	
0.75 ... 2.5 mm ² "s"	18 ... 14 AWG "s" 16 ... 12 AWG "st"
550 V ⓘ	
I _N 24 A	
 12 mm / 0.47 inch	

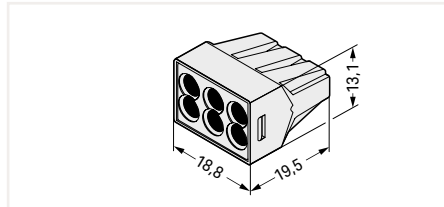
Technical Data	
2.5 ... 6 mm ² "s"	14 ... 10 AWG "s"
550 V ⓘ	
I _N 42 A	
 12 ... 15 mm / 0.47 ... 0.59 inch	



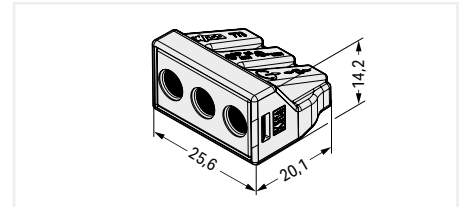
Dimensions in mm



Dimensions in mm



Dimensions in mm



PUSH WIRE® connector for junction boxes; 2-wire connector

Color	Item No.	Pack. Unit
○ light gray ⊕	773-492 Ⓜ	1000 (100)

PUSH WIRE® connector for junction boxes; 6-wire connector

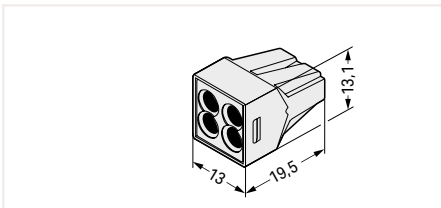
Color	Item No.	Pack. Unit
○ light gray ⊕	773-496 Ⓜ	500 (50)

PUSH WIRE® connector for junction boxes; 3-wire connector

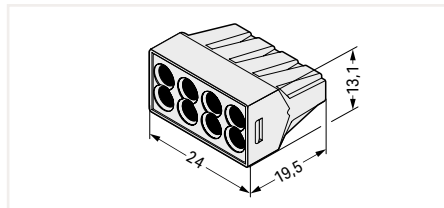
Color	Item No.	Pack. Unit
○ light gray ⊕	773-493 Ⓜ	500 (50)



Dimensions in mm



Dimensions in mm



PUSH WIRE® connector for junction boxes; 4-wire connector

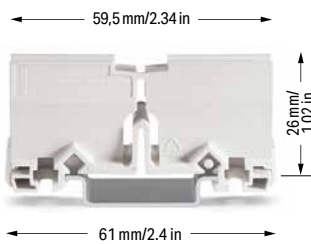
Color	Item No.	Pack. Unit
○ light gray ⊕	773-494 Ⓜ	1000 (100)

PUSH WIRE® connector for junction boxes; 8-wire connector

Color	Item No.	Pack. Unit
○ light gray ⊕	773-498 Ⓜ	500 (50)

13

Mounting Carrier; for Ex PUSH WIRE® Junction Box Connectors; for DIN-35 Rail or Screw Mount 773 Series




Mounting carrier; for Ex PUSH WIRE® junction box connectors

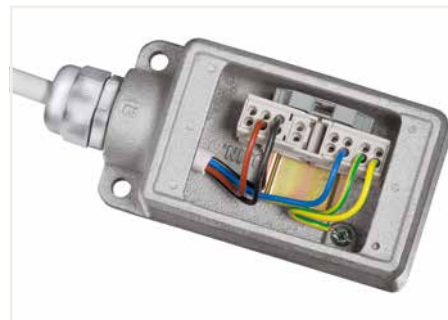
Color	Item No.	Pack. Unit
○ light gray ☺	773-331	50 (10)

Accessories; item-specific

Marking strip; 5 mm high; 48 self-adhesive strips per card; plain

	white	210-334	100
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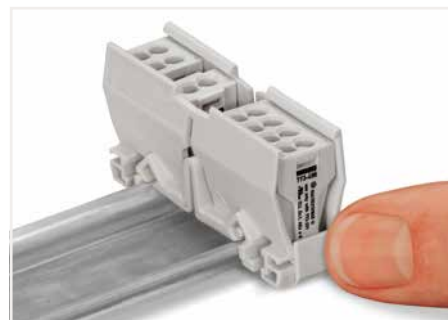
- 1 275 V at a distance < 10 mm to parts of other potentials
 - 2 To be used only in conjunction with a mounting carrier (773-331)
- Approvals and corresponding ratings, visit www.wago.com



Wiring example in an Ex junction box



Insert the connectors into the carrier.



Use the cover as an end plate.



Snap the mounting carrier onto the DIN-rail.



Remove the mounting carrier from the DIN-rail.

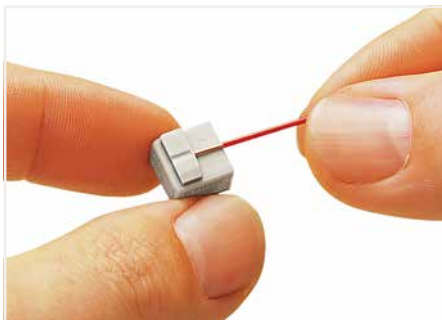
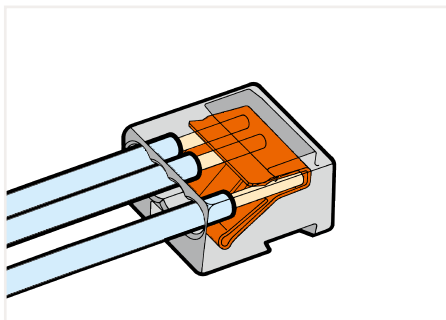
Ex PUSH WIRE® connectors are ideal for distribution and junction boxes, as well as control and operating systems. When used in hazardous areas, they offer the following advantages over traditional connectors:

- Time- and cost-saving PUSH WIRE® connection
- Vibration-proof, maintenance-free connections
- 100% touch-proof protection
- Connectors can be secured in position via mounting carriers
- One single carrier equipped with 2-, 4-, 6- and 8-wire connectors holds up to 16 clamping units according to user requirements, saving materials and related costs
- Available as OEM products for manufacturers and suppliers of enclosures and distribution boxes used in hazardous areas

MICRO PUSH WIRE® Junction Box Connectors for Solid Conductors

243 Series

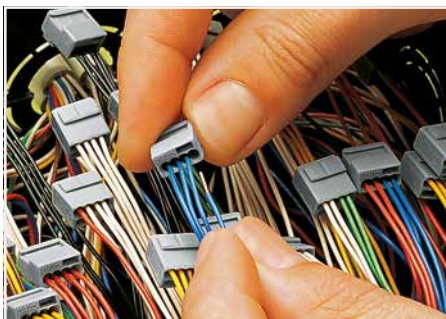
Description and Installation



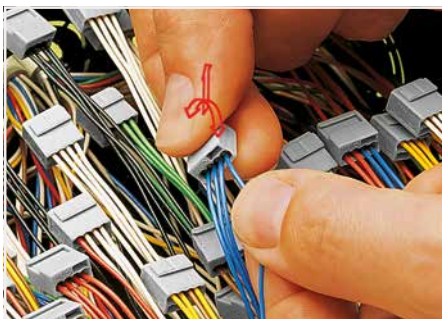
Strip solid conductors to 5 ... 6 mm (0.19 ... 0.23 inch).



Connector strips:
Assembling modular connectors into connector strips.



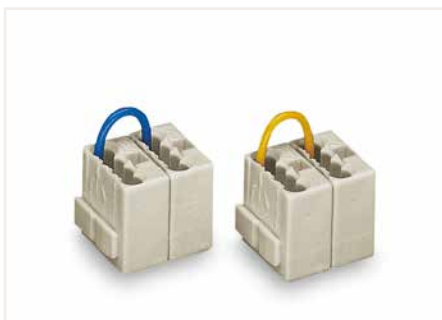
Termination: Insert stripped conductor until it hits back-stop.



Removal: Hold conductor to be removed and twist alternately left and right while pulling the connector.



Testing

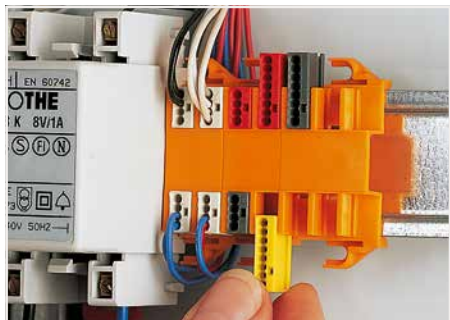


Commoned connector strips

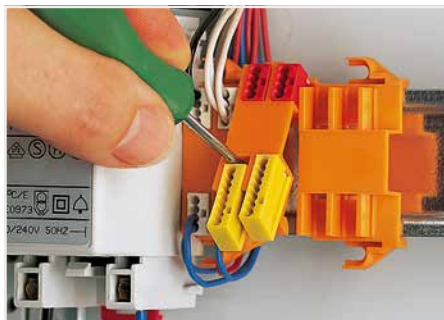


PUSH WIRE®
terminates the following
copper conductors:
solid "s"

Mounting Carrier; for MICRO PUSH WIRE® Junction Box Connectors; for DIN-35 Rail or Screw Mount 243 Series



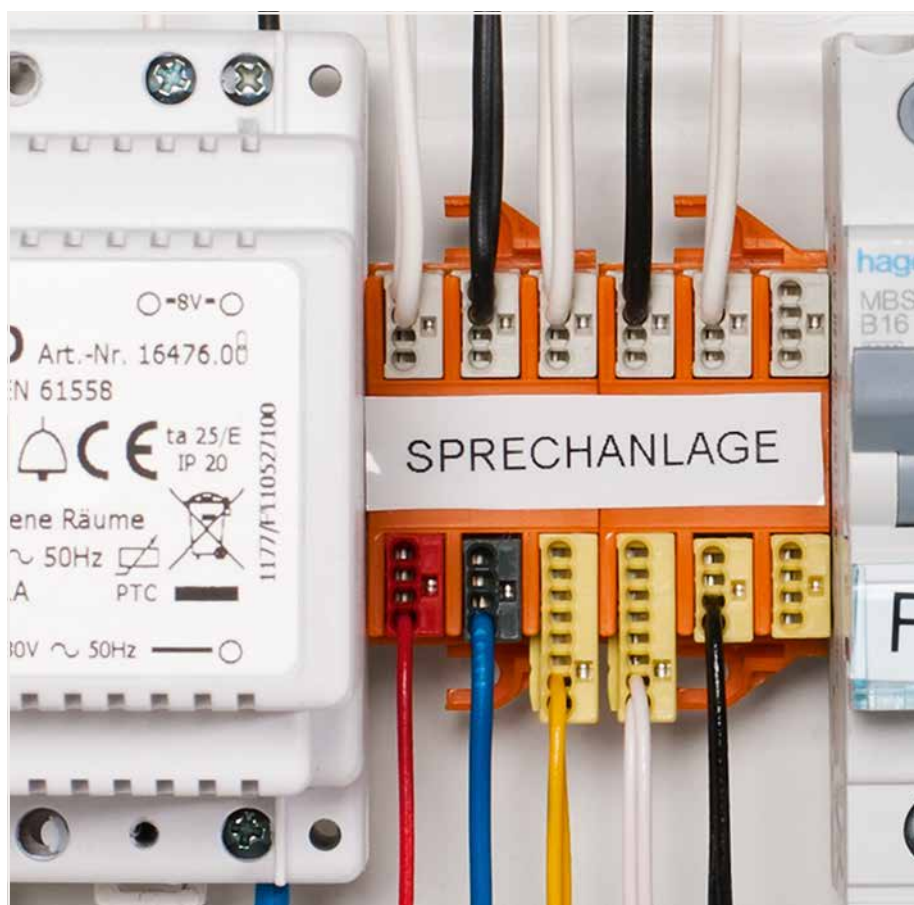
Inserting a MICRO junction box connector into the mounting carrier.



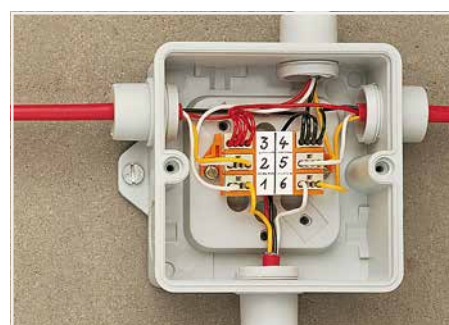
Removing a mounting carrier from the assembly.



Example of a residential door bell application – carriers mounted on a DIN-35 rail



Example of a residential intercom application



Typical application in a terminal box for burglar alarm – screw-mounted carrier

Quick Fix Mounting

Realizing MICRO PUSH WIRE® connectors for junction boxes are ideal for DIN-rail-mount panel applications, electrical installers have requested the ability to use them in distribution panels. These connectors provide easy connections for smaller conductors used in low-current applications. They are well-suited to terminating telephone-style conductors for connecting alarms, bells, door sensors, communication systems, etc.

The mounting carrier is WAGO's professional solution. It is available with mounting slots for 4 or 6 connectors.

Depending on the number of conductors, each mounting slot can accommodate a 4- or 8-conductor MICRO PUSH WIRE® junction box connector. The connectors simply snap into the mounting slots and are removable, allowing conductors to be exchanged during changeover.

The carrier is designed for easy mounting directly to the DIN-35 rail, or to a panel, via the screw-mount flanges provided on both sides. A large marking area for direct marking with a permanent felt-tip pen or for pre-printed self-adhesive marking strips is provided for clear circuit identification.

MICRO PUSH WIRE® Connector for Junction Boxes Ø 0.8 mm and Ø 0.5 mm; 243 Series

Technical Data

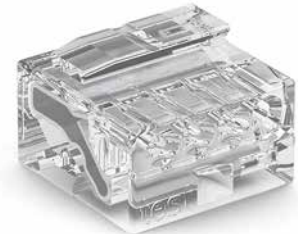
0.6 ... 0.8 mm Ø "s" ①	22 ... 20 AWG "s"
100 V/1.5 kV/2 ②	150 V, 7 A ③
I _N 6 A	150 V, 7 A ④
5 ... 6 mm / 0.2 ... 0.24 inch	

Technical Data

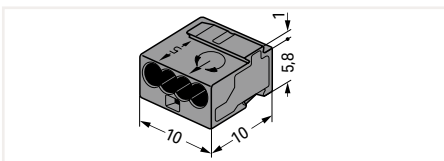
0.6 ... 0.8 mm Ø "s" ①	22 ... 20 AWG "s"
100 V/1.5 kV/2 ②	150 V, 7 A ③
I _N 6 A	150 V, 7 A ④
5 ... 6 mm / 0.2 ... 0.24 inch	

Technical Data

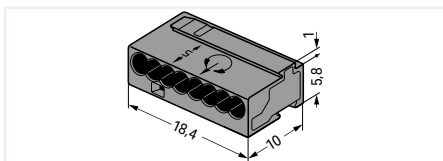
0.4 ... 0.5 mm Ø "s"	26 ... 24 AWG "s"
100 V/1.5 kV/2 ②	150 V, 7 A ③
I _N 6 A	150 V, 7 A ④
5 ... 6 mm / 0.2 ... 0.24 inch	



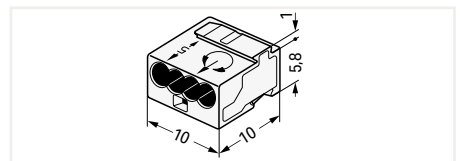
Dimensions in mm



Dimensions in mm



Dimensions in mm



MICRO PUSH WIRE® connector for junction boxes; 4-wire connector; continuous operating temperature (max.): 105 °C; surrounding air temperature (max.): 60 °C

Color	Item No.	Pack. Unit
dark gray	243-204	1000 (100)
red	243-804	1000 (100)

MICRO PUSH WIRE® connector for junction boxes; 8-wire connector; continuous operating temperature (max.): 105 °C; surrounding air temperature (max.): 60 °C

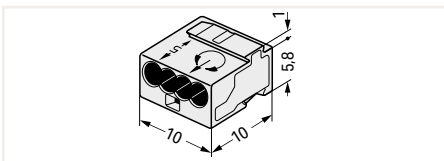
Color	Item No.	Pack. Unit
dark gray	243-208	500 (50)
red	243-808	500 (50)

MICRO PUSH WIRE® connector for junction boxes; 4-wire connector; continuous operating temperature (max.): 105 °C; surrounding air temperature (max.): 60 °C

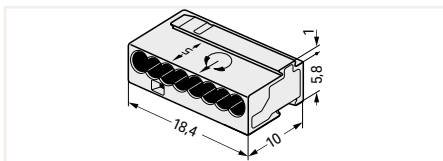
Color	Item No.	Pack. Unit
transparent	243-144	1000 (100)



Dimensions in mm



Dimensions in mm



MICRO PUSH WIRE® connector for junction boxes; 4-wire connector; continuous operating temperature (max.): 105 °C; surrounding air temperature (max.): 60 °C

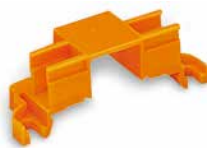
Color	Item No.	Pack. Unit
light gray	243-304	1000 (100)
yellow	243-504	1000 (100)

MICRO PUSH WIRE® connector for junction boxes; 8-wire connector; continuous operating temperature (max.): 105 °C; surrounding air temperature (max.): 60 °C

Color	Item No.	Pack. Unit
light gray	243-308	500 (50)
yellow	243-508	500 (50)

13

Mounting Carrier; for MICRO PUSH WIRE® Junction Box Connectors; for DIN-35 Rail or Screw Mount 243 Series



- ① When using conductors of the same diameter, 0.5 mm (24 AWG) or 1 mm (18 AWG) diameters are also possible.
 - ② 100 V = rated voltage
1.5 kV = rated impulse voltage
2 = pollution degree (see Section 15)
- Approvals and corresponding ratings, visit www.wago.com

Quick Fix Mounting

Realizing MICRO PUSH WIRE® connectors for junction boxes are ideal for DIN-rail-mount panel applications, electrical installers have requested the ability to use them in distribution panels. These connectors provide easy connections for smaller conductors used in low-current applications. They are well-suited to terminating telephone-style conductors for connecting alarms, bells, door sensors, communication systems, etc.

The mounting carrier is WAGO's professional solution. It is available with mounting slots for 4 or 6 connectors.

Depending on the number of conductors, each mounting slot can accommodate a 4- or 8-conductor MICRO PUSH WIRE® junction box connector. The connectors simply snap into the mounting slots and are removable, allowing conductors to be exchanged during changeover.

The carrier is designed for easy mounting directly to the DIN-35 rail, or to a panel, via the screw-mount flanges provided on both sides. A large marking area for direct marking with a permanent felt-tip pen or for pre-printed self-adhesive marking strips is provided for clear circuit identification.




Mounting carrier; for 4 connectors

Color	Item No.	Pack. Unit
orange	243-112	50 (10)

Accessories

Marking strip; 7 mm high; 6 self-adhesive strips per card; plain

	white	243-110	100
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Mounting carrier; for 6 connectors

Color	Item No.	Pack. Unit
orange	243-113	50 (10)

Accessories

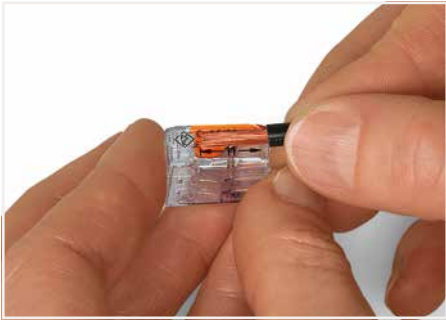
Marking strip; 7 mm high; 6 self-adhesive strips per card; plain

	white	243-110	100
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COMPACT Splicing Connectors for All Conductor Types

221 Series

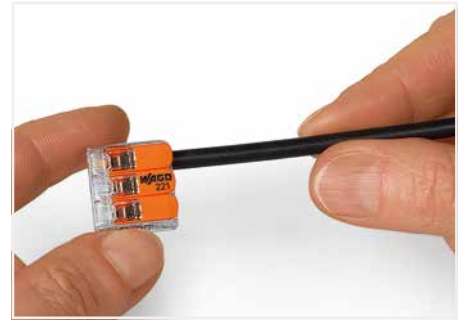
Description and Installation



Strip conductor to 11 mm (0.43 inch).



Termination: Lift the lever to open the clamping unit and insert a stripped conductor.



Then, lower the lever to close the clamp.



Wiring fine-stranded conductors in a junction box.



Custom low-voltage lighting system

13



Wiring fine-stranded conductors in a junction box for in-floor heating.



Lighting distribution in ceiling canopy



Pendant light connection in suspended ceilings

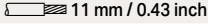
CAGE CLAMP® terminates the following copper conductors:
solid "s" stranded "st"

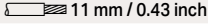
fine-stranded "f-st", also with tinned single strands

fine-stranded, tip-bonded

COMPACT Splicing Connector for All Conductor Types

4 mm²; 221 Series

Technical Data	
0.2 ... 4 mm ² "s+str"	24 ... 12 AWG
0.14 ... 4 mm ² "f-st"	600 V, 20 A [Ⓢ]
450 V/4 kV/2 ①	600 V, 20 A [Ⓢ]
I _N 32 A	
 11 mm / 0.43 inch	

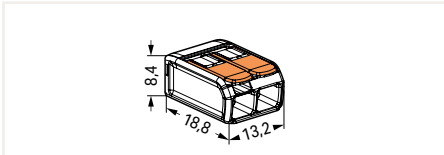
Technical Data	
0.2 ... 4 mm ² "s+str"	24 ... 12 AWG
0.14 ... 4 mm ² "f-st"	600 V, 20 A [Ⓢ]
450 V/4 kV/2 ①	600 V, 20 A [Ⓢ]
I _N 32 A	
 11 mm / 0.43 inch	

① 450 V = rated voltage
 4 kV = rated impulse voltage
 2 = pollution degree
 (see Section 15)

Approvals and corresponding ratings, visit www.wago.com



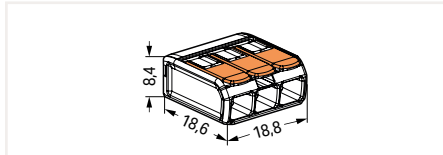
Dimensions in mm



COMPACT splicing connector; for all conductor types; 2-conductor; with levers; transparent housing; continuous operating temperature (max.): 105 °C; surrounding air temperature: max 85 °C (T85)

Item No.	Pack. Unit
221-412	1000 (100)

Dimensions in mm



COMPACT splicing connector; for all conductor types; 3-conductor; with levers; transparent housing; continuous operating temperature (max.): 105 °C; surrounding air temperature: max 85 °C (T85)

Item No.	Pack. Unit
221-413	500 (50)



Compact, lever-operated splicing connectors:
 Tool-free connection of up to five stripped, fine-stranded conductors from 0.14 ... 4 mm², as well as solid or stranded conductors from 0.2 ... 4 mm² (24 ... 12 AWG).

How these work:
 Pull up an orange lever to open the clamping unit. Then insert the conductor and push the lever back down, flush with the connector housing.

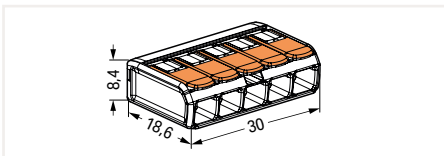
Safety:
 The specially designed rest position of the lever reliably prevents accidental unclamping of a connected conductor.
 Application safety, for any type of conductor (solid, stranded, fine-stranded), is confirmed by approvals like ENEC or UL.

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.



Dimensions in mm



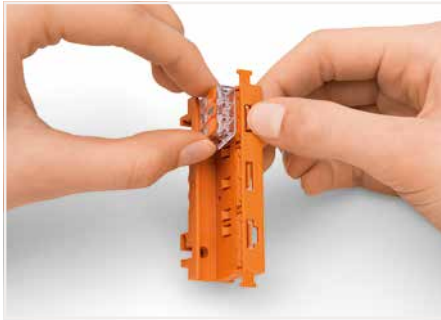
COMPACT splicing connector; for all conductor types; 5-conductor; with levers; transparent housing; continuous operating temperature (max.): 105 °C; surrounding air temperature: max 85 °C (T85)

Item No.	Pack. Unit
221-415	250 (25)

Mounting Carrier 221 Series Installation



Inserting a connector into the mounting carrier.



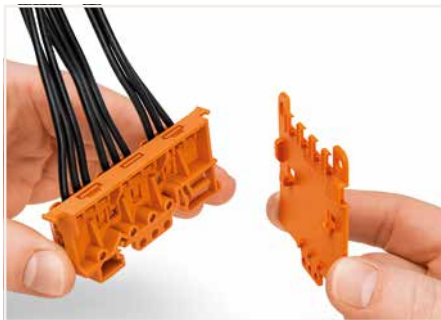
Removing a connector from the mounting carrier.



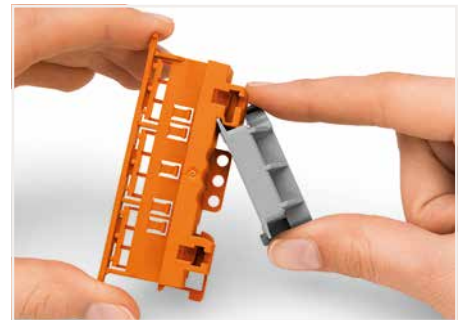
Removing a conductor.



Testing connectors via test slots on top of the carrier.



Securing a strain relief plate (222-505) to the mounting carrier.



Snapping the angled DIN-rail adapter (222-510) onto the mounting carrier.



Strain relief via cable ties on the mounting carrier (transverse to the connectors' wiring direction) – clamping units labeled via marking strips (210-334)



Vertical mounting with strain relief plate on DIN-35 rail



Horizontal mounting on DIN-35 rail using an angled DIN-rail adapter



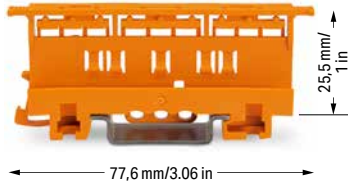
Horizontal screw mounting with strain relief plate on a flat surface



Vertical screw mounting with strain relief plate on a flat surface

13

Mounting Carrier 221 Series



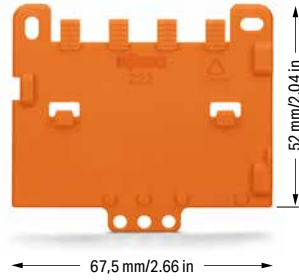
Mounting carrier; for 2-, 3- and 5-wire splicing connectors (4 mm²); 17.5 mm wide

Color	Item No.	Pack. Unit
orange	221-500	50 (10)
blue	221-500/000-006 ①	50 (10)
dark gray/yellow	221-500/000-053	50 (10)

Accessories; item-specific

Marking strip; 5 mm high; 48 self-adhesive strips per card; plain

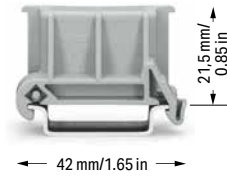
white	210-334	100
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Strain relief plate; for mounting carrier (221 or 222 Series); snaps on to mounting carrier; 4 mm thick

Color	Item No.	Pack. Unit
orange	222-505	50 (10)

① Carriers with a blue insulated housing are suitable for Ex i applications. Both clearances and creepage distances for the protection type "intrinsic safety Ex i" must be observed.



Angled DIN-rail adapter; in combination with mounting carrier (221-500 or 222-500) for DIN-35 rail mounting; 18.5 mm wide

Color	Item No.	Pack. Unit
gray	222-510	50 (10)

Mounting Carrier; for Single Connectors

221 Series

Installation



Inserting a connector into the mounting carrier.



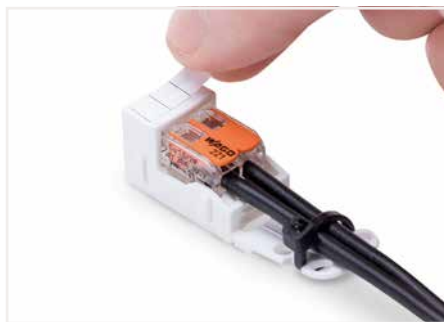
Removing a connector from the mounting carrier.



Inserting a conductor.



Use a cable tie to secure the conductors to the strain relief plate.



Labeling the mounting carrier.



Testing a connector mounted on the carrier via test slot.



The strain relief plate can be removed.



Horizontal screw mounting



Vertical screw mounting



Horizontal mounting via snap-in foot



Vertical mounting via snap-in foot



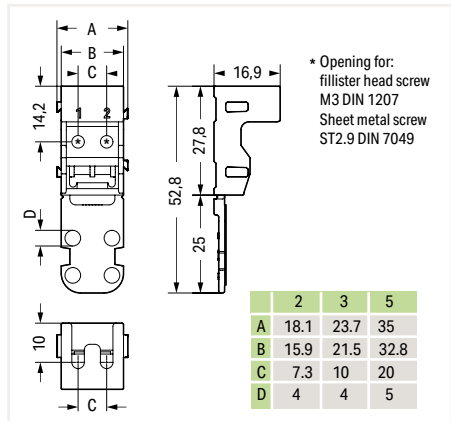
Connecting a light to the mains.

13

Mounting Carrier; for Single Connectors 221 Series



Dimensions in mm



Mounting carrier; for 2-wire connectors (4 mm²); for screw mounting
Dimensions from the surface (mm) W x H x D
18.1 x 16.9 x 52.8

Color	Item No.	Pack. Unit
○ white	221-502	50 (10)
● black	221-502/000-004	50 (10)

Mounting carrier; for 2-wire connectors (4 mm²); with snap-in mounting foot for horizontal mounting
Dimensions from the surface (mm) W x H x D
18.1 x 16.9 (+ 4.5 snap-in mounting foot) x 52.8

○ white	221-512	50 (10)
● black	221-512/000-004	50 (10)

Mounting carrier; for 2-wire connectors (4 mm²); with snap-in mounting foot for vertical mounting
Dimensions from the surface (mm) W x H x D
18.1 x 52.8 (+ 4.5 snap-in mounting foot) x 16.9

○ white	221-522	50 (10)
● black	221-522/000-004	50 (10)

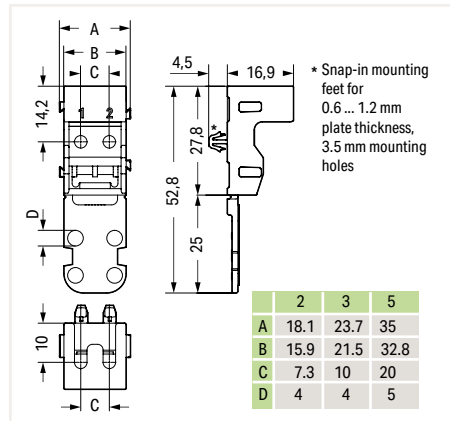
More information on dimensions is available upon request.

Accessories; item-specific
Marking strip; 5 mm high; 48 self-adhesive strips per card; plain

white	210-334	100
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Dimensions in mm



Mounting carrier; for 3-wire connectors (4 mm²); for screw mounting
Dimensions from the surface (mm) W x H x D
18.1 x 16.9 x 52.8

Color	Item No.	Pack. Unit
○ white	221-503	50 (10)
● black	221-503/000-004	50 (10)

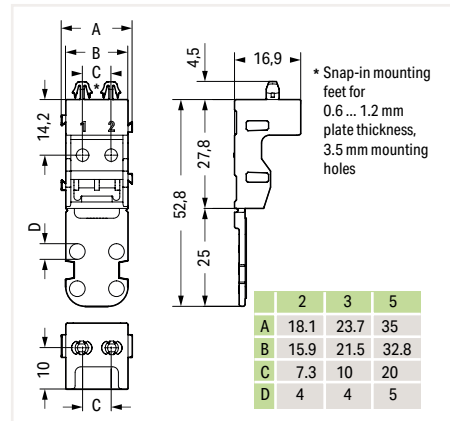
Mounting carrier; for 3-wire connectors (4 mm²); with snap-in mounting foot for horizontal mounting
Dimensions from the surface (mm) W x H x D
18.1 x 16.9 (+ 4.5 snap-in mounting foot) x 52.8

○ white	221-513	50 (10)
● black	221-513/000-004	50 (10)

Mounting carrier; for 3-wire connectors (4 mm²); with snap-in mounting foot for vertical mounting
Dimensions from the surface (mm) W x H x D
18.1 x 52.8 (+ 4.5 snap-in mounting foot) x 16.9

○ white	221-523	50 (10)
● black	221-523/000-004	50 (10)

Dimensions in mm



Mounting carrier; for 5-wire connectors (4 mm²); for screw mounting
Dimensions from the surface (mm) W x H x D
18.1 x 16.9 x 52.8

Color	Item No.	Pack. Unit
○ white	221-505	50 (10)
● black	221-505/000-004	50 (10)

Mounting carrier; for 5-wire connectors (4 mm²); with snap-in mounting foot for horizontal mounting
Dimensions from the surface (mm) W x H x D
18.1 x 16.9 (+ 4.5 snap-in mounting foot) x 52.8

○ white	221-515	50 (10)
● black	221-515/000-004	50 (10)

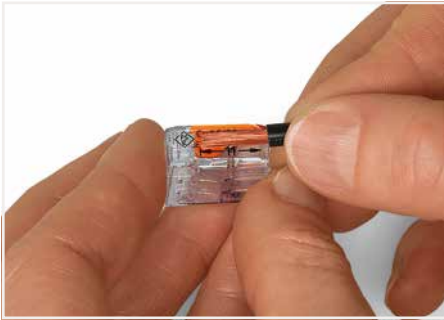
Mounting carrier; for 5-wire connectors (4 mm²); with snap-in mounting foot for vertical mounting
Dimensions from the surface (mm) W x H x D
18.1 x 52.8 (+ 4.5 snap-in mounting foot) x 16.9

○ white	221-525	50 (10)
● black	221-525/000-004	50 (10)

COMPACT Splicing Connectors for All Conductor Types

221 Series

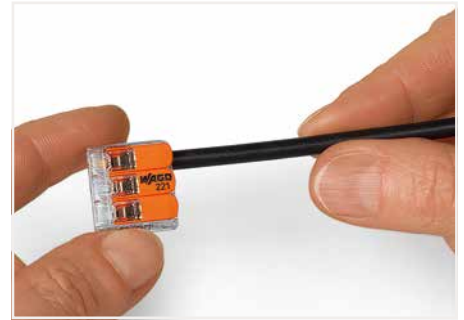
Description and Installation



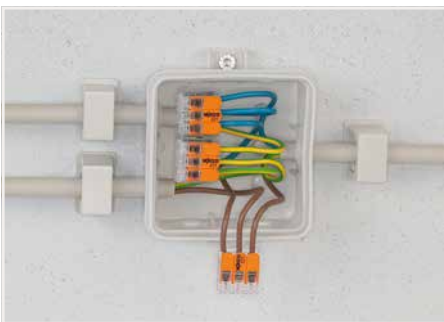
Strip conductor to 12 ... 14 mm (0.47 ... 0.55 inch).



Termination: Lift the lever to open the clamping unit and insert a stripped conductor.



Then, lower the lever to close the clamp.



Wiring fine-stranded conductors in a junction box.



Custom low-voltage lighting system



Wiring fine-stranded conductors in a junction box for in-floor heating.



Lighting distribution in ceiling canopy



Pendant light connection in suspended ceilings

13

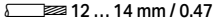
CAGE CLAMP® terminates the following copper conductors:
solid "s" stranded "st"

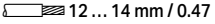
fine-stranded "f-st", also with tinned single strands

fine-stranded, tip-bonded

COMPACT Splicing Connector for All Conductor Types and Mounting Carrier

6 mm²; 221 Series

Technical Data	
0.5 ... 6 mm ²	20 ... 10 AWG
450 V/4 kV/2 ①	600 V, 30 AⓈ
I _N 41 A	600 V, 20 AⓈ
 12 ... 14 mm / 0.47 ... 0.55 inch	

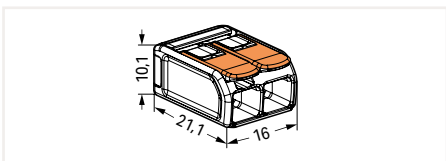
Technical Data	
0.5 ... 6 mm ²	20 ... 10 AWG
450 V/4 kV/2 ①	600 V, 30 AⓈ
I _N 41 A	600 V, 20 AⓈ
 12 ... 14 mm / 0.47 ... 0.55 inch	

- ① 450 V = rated voltage
4 kV = rated impulse voltage
2 = pollution degree
(see Section 15)
- ② Carriers with a blue insulated housing are suitable for Ex i applications. Both clearances and creepage distances for the protection type "intrinsic safety Ex i" must be observed.

Approvals and corresponding ratings, visit www.wago.com



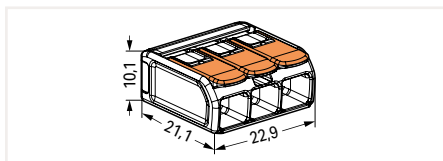
Dimensions in mm



COMPACT splicing connector; for all conductor types; 2-conductor; with levers; transparent housing; continuous operating temperature (max.): 105 °C; surrounding air temperature: max 85 °C (T85)

Item No.	Pack. Unit
221-612	500 (50)

Dimensions in mm



COMPACT splicing connector; for all conductor types; 3-conductor; with levers; transparent housing; continuous operating temperature (max.): 105 °C; surrounding air temperature: max 85 °C (T85)

Item No.	Pack. Unit
221-613	300 (30)



Compact, lever-operated splicing connectors:
Connect up to five stripped conductors from 0.5 to 6 mm² (20 ... 10 AWG) – without tools!

How these work:

Pull up one of the orange operating levers to open the clamping unit. Then insert the conductor and push the lever back down, flush with the connector housing.

Safety:

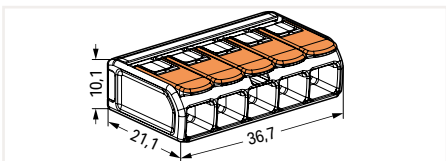
The lever's specially designed rest position reliably prevents accidental unclamping of a connected conductor. Application safety, for any type of conductor (solid, stranded, fine-stranded), is confirmed by approvals like ENEC or UL.

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.



Dimensions in mm



COMPACT splicing connector; for all conductor types; 5-conductor; with levers; transparent housing; continuous operating temperature (max.): 105 °C; surrounding air temperature: max 85 °C (T85)

Item No.	Pack. Unit
221-615	150 (15)

Mounting carrier; for 2-, 3- and 5-wire splicing connectors (6 mm²); 19.3 mm wide

Color	Item No.	Pack. Unit
orange	221-510	50 (10)
blue	221-510/000-006 ②	50 (10)
dark gray/yellow	221-510/000-053	50 (10)

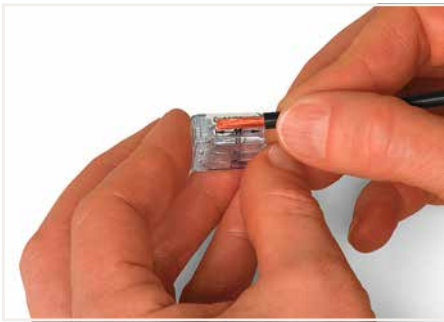
Accessories; item-specific

Marking strip; 5 mm high; 48 self-adhesive strips per card; plain

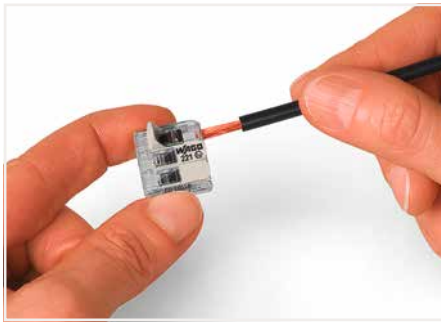
white	210-334	100
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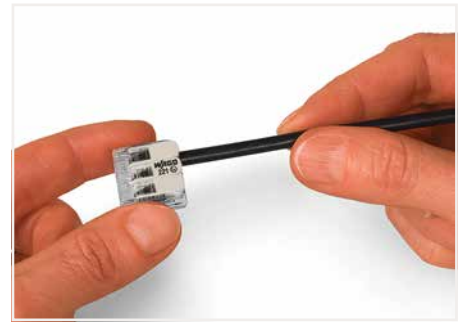
COMPACT Splicing Connectors for All Conductor Types and Mounting Carrier for Ex Splicing Connectors; for Ex eb Applications; 221 Series Description and Installation



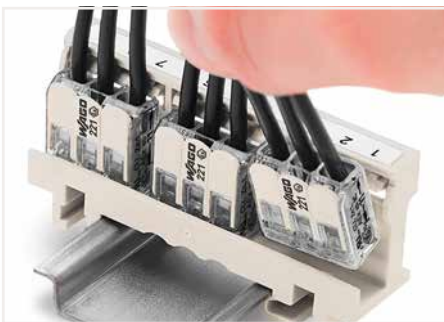
Strip conductor to 11 mm (0.43 inch).



Termination: Lift the lever to open the clamping unit and insert a stripped conductor.



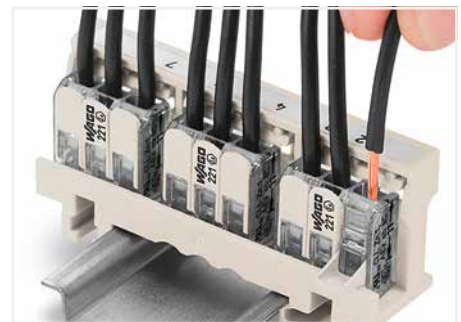
Then, lower the lever to close the clamp.



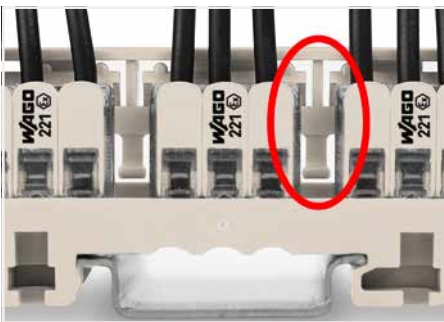
Inserting a connector into the mounting carrier.



Removing a connector from the mounting carrier.



Removing a conductor.



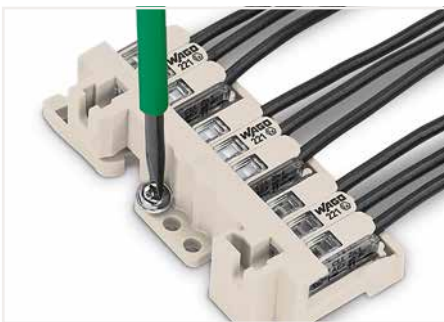
Mounting type (440 V)
A spacer integrated in the adapter can be seen between two connectors.



Mounting type (440 V)
Vertical mounting on DIN-35 rail



Mounting type (275 V)
A spacer integrated in the adapter **cannot** be seen between two connectors; the connector housings are close together.



Mounting type (440 V)
Horizontal screw mounting on a flat surface



Mounting type (440 V)
Mounting the carrier via non-conductive screws.

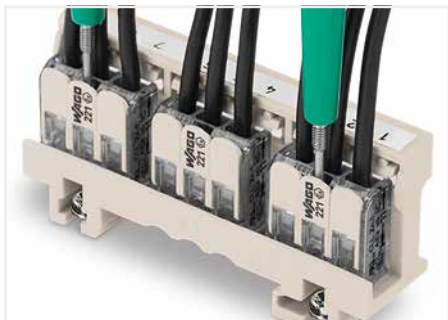


Mounting type (275 V)
Mounting the carrier using conductive screws.

CAGE CLAMP® terminates the following copper conductors:
solid "s" stranded "st"

fine-stranded "f-st",
also with tinned
single strands

fine-stranded,
tip-bonded



Easily test inserted connectors in the carrier – however they are mounted.



Wiring example in an Ex e junction box
Labeling is performed via marking strips (210-334) and pen or continuous labels (210-834), which is printed via Smart Printer (258-5000).



Carriers with a blue insulated housing are suitable for Ex i applications. Both clearances and creepage distances for the protection type "intrinsic safety Ex i" must be observed.

COMPACT Splicing Connector for All Conductor Types and Mounting Carrier; for Ex eb Applications

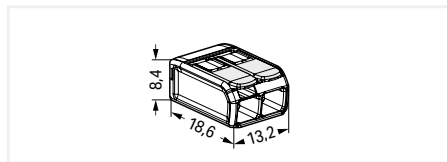
4 mm²; 221 Series

Technical Data	
IEC / EN 60079-7	UL 60079-7
Ⓔ IECEX Ex eb IIC Gb	Ⓔ Cl. I, Zn. 1, AEx eb IIC CNR Ex eb IIC U
0.2 ... 4 mm² "s+str"	24 ... 12 AWG "s+st"
0.14 ... 4 mm² "f-st"	24 ... 12 AWG "f-st"
440 V (275 V) ①	440 V (275 V), 20 A, $I_{N 32 A}$ ①
I_N 24.5 A	
Operating temperature: -55 ... +105 °C	
11 mm / 0.43 inch	

Technical Data	
IEC / EN 60079-7	UL 60079-7
Ⓔ IECEX Ex eb IIC Gb	Ⓔ Cl. I, Zn. 1, AEx eb IIC CNR Ex eb IIC U
0.2 ... 4 mm² "s+str"	24 ... 12 AWG "s+st"
0.14 ... 4 mm² "f-st"	24 ... 12 AWG "f-st"
440 V (275 V) ①	440 V (275 V), 20 A, $I_{N 32 A}$ ①
I_N 32 A	
Operating temperature: -55 ... +105 °C	
11 mm / 0.43 inch	



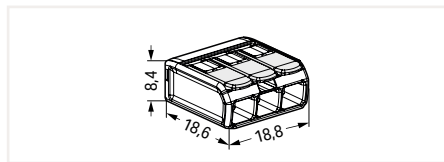
Dimensions in mm



COMPACT splicing connector; for all conductor types; for Ex eb applications; 2-conductor; with levers; transparent housing; operating temperature (max.): 105 °C

Item No.	Pack. Unit
221-482 ②	1000 (100)

Dimensions in mm



COMPACT splicing connector; for all conductor types; for Ex eb applications; 3-conductor; with levers; transparent housing; operating temperature (max.): 105 °C

Item No.	Pack. Unit
221-483 ②	500 (50)

① The permissible operating voltage of the connector with carrier (440 V or 275 V) depends on the mounting type.
The mounting types for both 440 V and 275 V are shown on the "Description and Installation" page. If a mounting type for 275 V is used, this is the permissible working voltage.

② Only approved in conjunction with a mounting carrier (221-501). Other carriers are possible, see certificate (UL).

The connectors must be installed in an enclosure meeting the requirements of a recognized protection type per EN 60079-0, Section 1 or EN 60079-31.

When installing the connectors in an enclosure of protection type "eb" (increased safety) per EN 60079-7, the clearances and creepage distances of Table 2 for this standard must be observed (for the use of accessories see point 1).

The connectors can be used both in Group II and Group I, as the standard requirements are identical in this case.

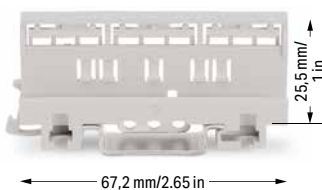
The use of these components requires a new assessment by a notified certification agency.

③ Carriers with a blue insulated housing are suitable for Ex i applications. Both clearances and creepage distances for the protection type "intrinsic safety Ex i" must be observed.

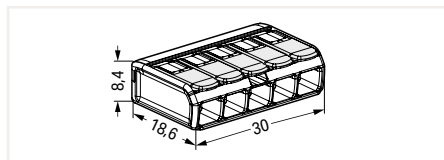
Approvals and corresponding ratings, visit www.wago.com

Your benefits at a glance:

- New design possibilities for the manufacturers of junction boxes, luminaires and electronic devices for Ex eb areas
- Approval also possible with custom mounting solutions
- Easy to use: Pull the lever up, insert a conductor and push the lever back down – done.
- Easy-to-use design adds value for installers
- Time- and cost-saving spring pressure connection technology
- Vibration-proof and maintenance-free connection
- 100% touch-proof protection
- Connectors can be secured in position via mounting carriers according to standards



Dimensions in mm



COMPACT splicing connector; for all conductor types; for Ex eb applications; 5-conductor; with levers; transparent housing; operating temperature (max.): 105 °C

Item No.	Pack. Unit
221-485 ②	250 (25)

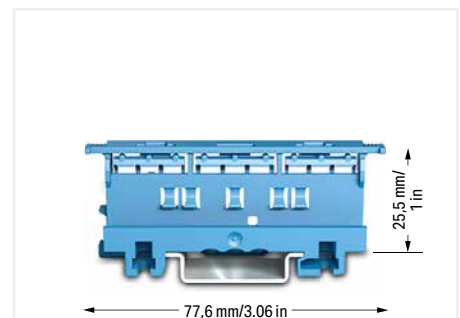
Mounting carrier; for 2-, 3- and 5-wire Ex splicing connectors (4 mm²); 17.5 mm wide

Color	Item No.	Pack. Unit
○ light gray	221-501	50 (10)
● blue	221-500/000-006 ③	50 (10)

Item-Specific Accessories

Self-adhesive marking strip; 5 mm high; 48 self-adhesive strips per card; plain

Color	Item No.	Pack. Unit
white	210-334	100



Carriers with a blue insulated housing are suitable for Ex i applications. Both clearances and creepage distances for the protection type "intrinsic safety Ex i" must be observed.

COMPACT Splicing Connector for All Conductor Types and Mounting Carrier; for Ex eb Applications

6 mm²; 221 Series

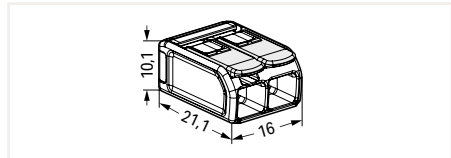
Technical Data	
IEC / EN 60079-7	UL 60079-7
Ⓔ IECEX Ex eb IIC Gb	Ⓔ Cl. I, Zn. 1, AEx eb IIC CNR Ex eb IIC U
0.5 ... 6 mm ²	20 ... 10 AWG
440 V (275 V) ①	440 V (275 V), 20 A ①
I _N 37 A	
Operating temperature: -55 ... +105 °C	
12 ... 14 mm / 0.47 ... 0.55 inch	

Technical Data	
IEC / EN 60079-7	UL 60079-7
Ⓔ IECEX Ex eb IIC Gb	Ⓔ Cl. I, Zn. 1, AEx eb IIC CNR Ex eb IIC U
0.5 ... 6 mm ²	20 ... 10 AWG
440 V (275 V) ①	440 V (275 V), 20 A ①
I _N 37 A	
Operating temperature: -55 ... +105 °C	
12 ... 14 mm / 0.47 ... 0.55 inch	

- The permissible operating voltage of the connector with carrier (440 V or 275 V) depends on the mounting type. The mounting types for both 440 V and 275 V are shown on the "Description and Installation" page. If a mounting type for 275 V is used, this is the permissible working voltage.
 - Only approved in conjunction with a mounting carrier (221-511). Other carriers are possible, see certificate (UL). The connectors must be installed in an enclosure meeting the requirements of a recognized protection type per EN 60079-0, Section 1 or EN 60079-31. When installing the connectors in an enclosure of protection type "eb" (increased safety) per EN 60079-7, the clearances and creepage distances of Table 2 for this standard must be observed (for the use of accessories see point 1). The connectors can be used both in Group II and Group I, as the standard requirements are identical in this case. The use of these components requires a new assessment by a notified certification agency.
 - Carriers with a blue insulated housing are suitable for Ex i applications. Both clearances and creepage distances for the protection type "intrinsic safety Ex i" must be observed.
- Approvals and corresponding ratings, visit www.wago.com



Dimensions in mm

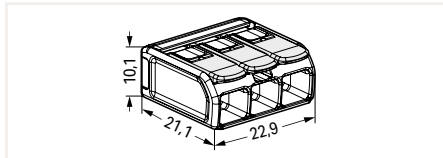


COMPACT splicing connector; for all conductor types; for Ex eb applications; 2-conductor; with levers; transparent housing; operating temperature (max.): 105 °C

Item No.	Pack. Unit
221-682 ②	500 (50)



Dimensions in mm



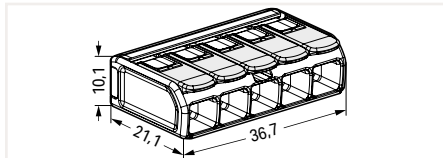
COMPACT splicing connector; for all conductor types; for Ex eb applications; 3-conductor; with levers; transparent housing; operating temperature (max.): 105 °C

Item No.	Pack. Unit
221-683 ②	300 (30)

- Your benefits at a glance:**
- New design possibilities for the manufacturers of junction boxes, luminaires and electronic devices for Ex eb areas
 - Approval also possible with custom mounting solutions
 - Easy to use: Pull the lever up, insert a conductor and push the lever back down – done.
 - Easy-to-use design adds value for installers
 - Time- and cost-saving spring pressure connection technology
 - Vibration-proof and maintenance-free connection
 - 100% touch-proof protection
 - Connectors can be secured in position via mounting carriers according to standards



Dimensions in mm



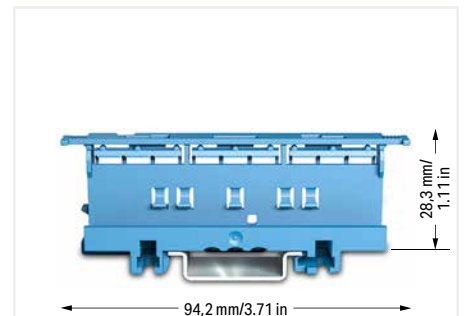
Mounting carrier; for 2-, 3- and 5-wire Ex splicing connectors (6 mm²); 19.3 mm wide

Color	Item No.	Pack. Unit
○ light gray	221-511	50 (10)
● blue	221-510/000-006 ③	50 (10)

Item-Specific Accessories

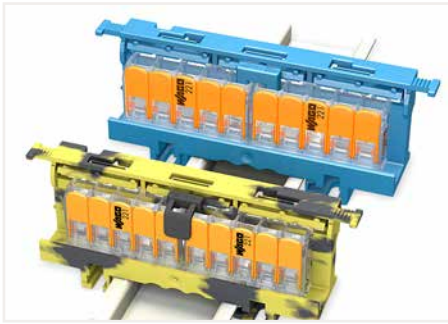
Self-adhesive marking strip; 5 mm high; 48 self-adhesive strips per card; plain

Color	Item No.	Pack. Unit
white	210-334	100

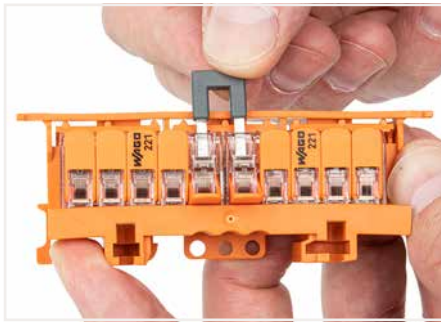


Carriers with a blue insulated housing are suitable for Ex i applications. Both clearances and creepage distances for the protection type "intrinsic safety Ex i" must be observed.

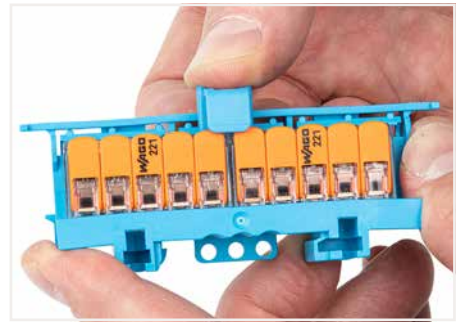
Jumpers With and Without Locking Function Installation



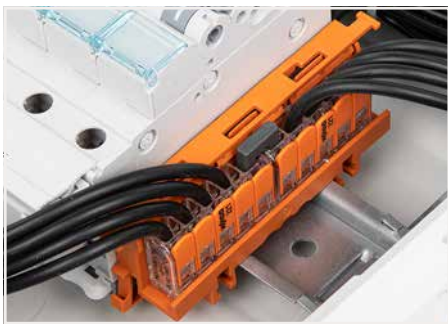
Extending the N and PE (ground) distribution via jumper



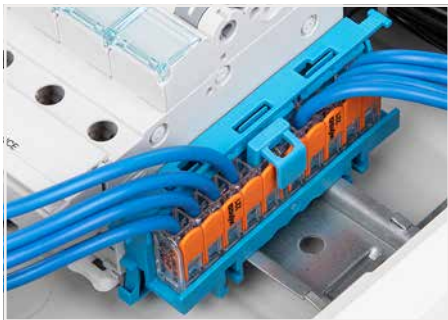
Insert the jumper without a locking function into open clamping units.



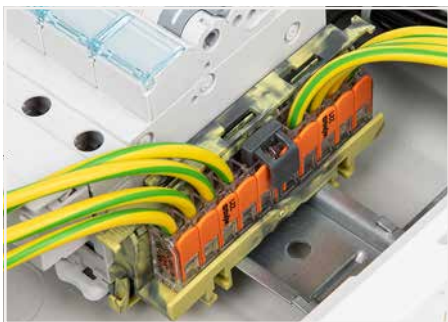
Insert the jumper with a locking function into closed clamping units.



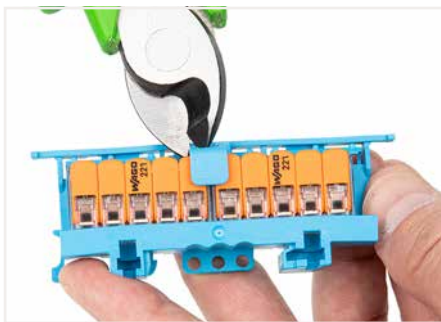
Without locking function:
The jumper without a locking function is plugged into the splicing connectors.



With locking function:
The jumper with a locking function is plugged into the splicing connectors.



The lockable jumper is plugged into the splicing connectors.



Remove the locking mechanism for intentional jumper removal.



Remove the jumper from open clamping units.

Jumper With and Without Locking Function 221 Series

Technical Data	
400 V	
I _N 41 A	



Technical Data	
400 V	
I _N 41 A	



Jumper; with locking function		
	Item No.	Pack. Unit
● dark gray	221-941	50
● blue	221-941/000-006	50

Jumper; without locking function		
	Item No.	Pack. Unit
● dark gray	221-942	50
● blue	221-942/000-006	50

Yellowoxes; for Splicing Connectors

207 Series

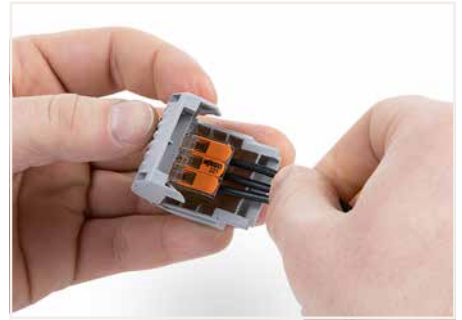
Installation



Open the Yellowox at the side latches.



Place the wired connector in the Yellowox.



Close the Yellowox.



Close latch securely and press down in the center.



Re-accessible:
Open the Yellowox, remove the gel, open the connector and rewire with new components.



For low voltage applications > 50 V, use the Yellowox in a junction box.



Connecting a bollard light



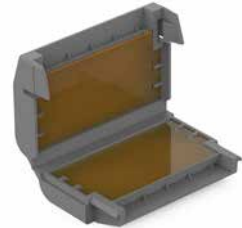
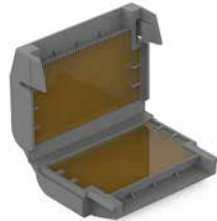
Opened Yellowox with connector

13

Yellowox; for Splicing Connectors

207 Series

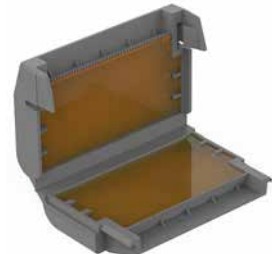
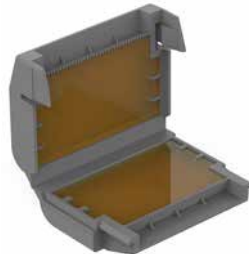
Technical Data
Housing material: Polypropylene
Gel material: Polyurethane
Voltage range: see connector voltage
Rated current: see connector current
Rated surge voltage: 2.5 kV
Insulation resistance: 5 MΩ
Surrounding air temperature (operation): -55 ... 85 °C
Surrounding air temperature (storage): 0 ... 40 °C
Physical properties: IPX8
Suitable for indefinite storage because the gel is free of hazardous substance according to CLP
Disposal: Household waste (residual waste)
Skin contact: After skin contact, clean with water; no special cleaning agent required



Yellowox; for conductors; branch; with gel; 221, 2273 Series; without splicing connectors; size 1		
Color	Item No.	Pack. Unit
○ gray	207-1331	48 (4)

Yellowox; for conductors; branch; with gel; 221, 2273 Series; without splicing connectors; size 2		
Color	Item No.	Pack. Unit
○ gray	207-1332	48 (4)

Yellowox; for conductors; branch; with gel; 221, 2273 Series; without splicing connectors; size 3		
Color	Item No.	Pack. Unit
○ gray	207-1333	36 (3)



Yellowox; for conductors; branch; with gel; 221 Series, max. 6 mm ² connectors; without splicing connectors; size 1		
Color	Item No.	Pack. Unit
○ gray	207-1431	48 (4)

Yellowox; for conductors; branch; with gel; 221 Series, max. 6 mm ² connectors; without splicing connectors; size 2		
Color	Item No.	Pack. Unit
○ gray	207-1432	36 (3)

Yellowox; for conductors; branch; with gel; 221 Series, max. 6 mm ² connectors; without splicing connectors; size 3		
Color	Item No.	Pack. Unit
○ gray	207-1433	24 (2)

Permitted Combinations of Connectors and Yellowox:

Item No.	221-412	221-413	221-415	221-612	221-613	221-615	2273-202	2273-203	2273-204	2273-208
207-1331	1 x	1 x	-				2 x	-	1 x	1 x
207-1332	2 x	-	1 x				3 x	2 x	-	1 x
207-1333	3 x	2 x	-				4 x	-	2 x	2 x
207-1431				1 x	1 x	-				
207-1432				2 x	-	1 x				
207-1433				3 x	2 x	-				

Note: With other combinations, the high degree of protection cannot be guaranteed because the gel displacement is too limited or the Gel Boxes can no longer be closed.

Yellowoxes; for Splicing Connectors

207 Series

Packaging Instructions

Note on Packaging Unit (PU) and Subpackaging Unit (SPU):

If you order a full PU, you will receive our eco-friendly, sustainable cardboard blisters packed in a shelf-ready box.

If you order a quantity smaller than a full PU, you will receive the eco-friendly, sustainable cardboard blisters without a shelf-ready box.



Lift the flap and pull the cover perforation forward.



Press in the perforation on the sides.



Tear off the cover from the perforation.



As a counter display: Bend the rear flap at the fold, straighten it and fix it in the cardboard cut-out



If the flap is not required, tear off from the perforation.



Self-service shelving system with Euro-slot hang tabs for product display

Junction Boxes; for 221 Series Splicing Connectors (4 mm²) 207 Series Installation



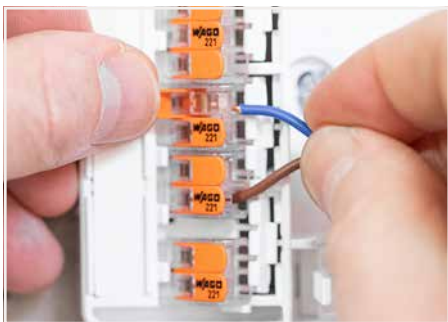
The junction box is designed for surface screw mounting on the wall/ceiling. The cover can be snapped on and off without screws. The connectors are easily mounted by snapping them in, and the marking strips are mounted by simply pushing them in.



Snap the connector into the holder.



Release the connector from the holder.



Inserting a conductor



Snap the marking strips into the holder.



Insert the cable into the strain relief. The snap-in strain reliefs are designed for cable diameters from 4 mm to 11 mm.



Break the cable entry lid out of the cover.



Snap on the junction box cover.



Open the junction box cover.

Junction Box; for 221 Series Splicing Connectors (4 mm²) 207 Series

Technical Data

Dimensions (width x height x depth): 225 x 46 x 145 mm

Protection type: IP20

Current supply: 18 A (max.)

Operating voltage: 450 V (max.)

DEKRA test report per EN and BS 60670-22

Designed for up to 60 connection points



Junction box; for 221 Series splicing connectors – 4 mm²
(221-41x, not included in delivery)

Color	Item No.	Pack. Unit
<input type="radio"/> white	207-4301	1

Accessories; 207 Series

Accessory set; consists of 6 double-deck strain reliefs
and marking strips



207-9301 1

Inline Splicing Connectors

221 Series

Installation



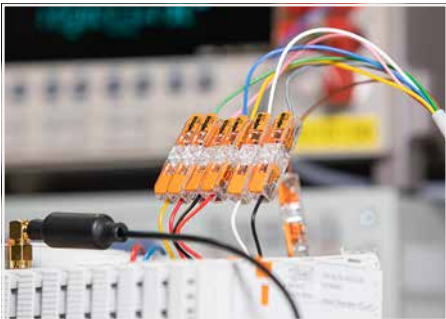
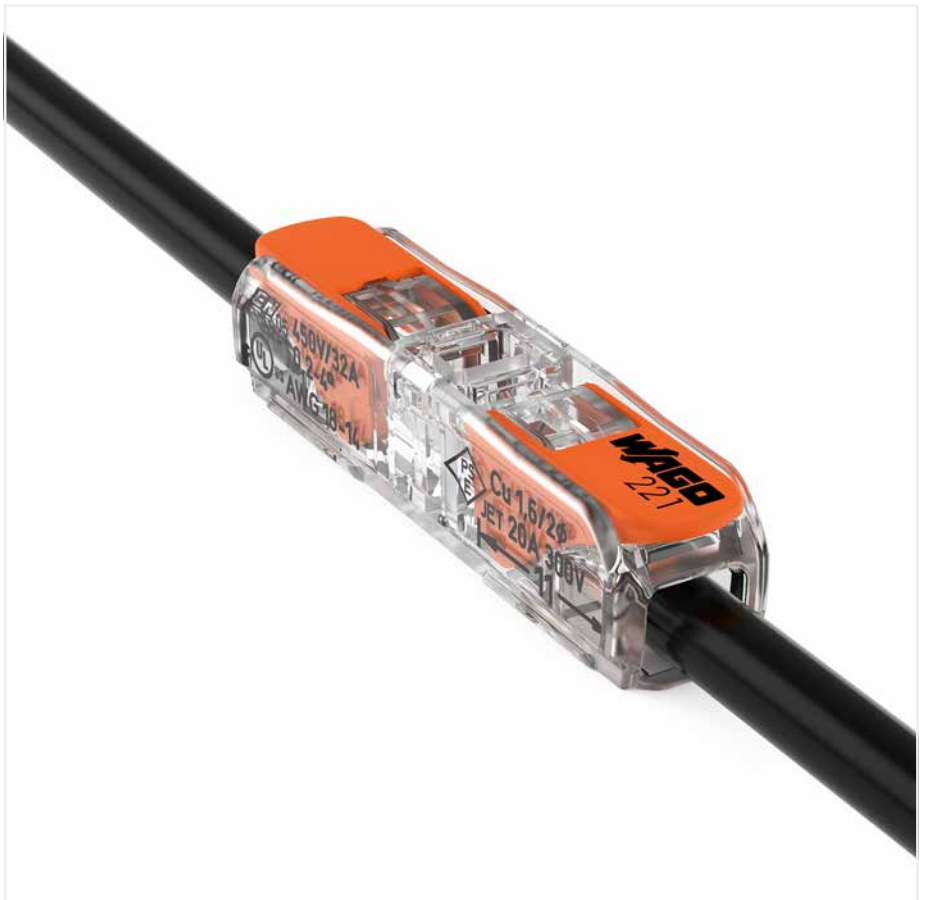
Push up the lever to open the clamping unit and insert the conductor.



Push the lever back down.

Your Benefits:

- Inline connection of solid, stranded and fine-stranded conductors from 0.2 to 4 mm²
- Slim design needs minimum space in tight areas
- Tool-free connection and disconnection thanks to convenient lever technology
- Use a mounting carrier for fixed and multi-pole wiring



Perfect for test setups



Simple extension of lines



Lighting connection in suspended ceilings



Multi-pole, fixed lighting fixture wiring

13

CAGE CLAMP® terminates the following copper conductors:
solid "s" stranded "st"

fine-stranded "f-st", also with tinned single strands

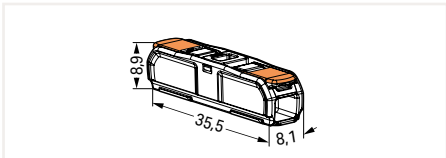
fine-stranded, tip-bonded

Inline Splicing Connector 221 Series

Technical Data	
0.2 ... 4 mm ² "s"	20 ... 14 AWG "s"
0.2 ... 2.5 mm ² "st"	18 ... 14 AWG "st"
0.2 ... 4 mm ² "f-st"	18 ... 14 AWG "f-st"
450 V/4 kV/2 ①	600 V, 20 A-②
I _N 32 A	
11 mm / 0.43 inch	



Dimensions in mm

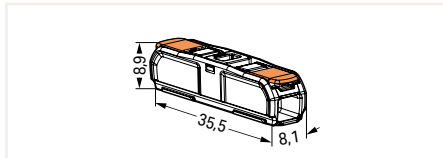


Inline splicing connector with levers; transparent housing; transparent cover		
	Item No.	Pack. Unit
	221-2411	600 (60)

Technical Data	
0.2 ... 4 mm ² "s"	20 ... 12 AWG "s"
0.2 ... 2.5 mm ² "st"	18 ... 12 AWG "st"
0.34 ... 4 mm ² "f-st"	18 ... 12 AWG "f-st"
450 V/4 kV/2 ①	600 V, 20 A-②
I _N 32 A	
11 mm / 0.43 inch	



Dimensions in mm



Inline splicing connector with levers; transparent housing; white cover		
	Item No.	Pack. Unit
	221-2401	600 (60)

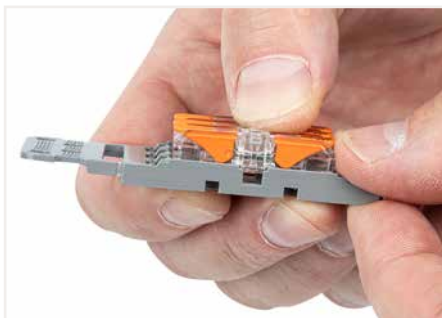
- ① 450 V = rated voltage
4 kV = rated impulse voltage
2 = pollution degree
(see Section 14)

Approvals and corresponding ratings, visit www.wago.com

Mounting Carrier; for Inline Splicing Connectors Installation



Place the inline splicing connector on the carrier in front of the mounting position.



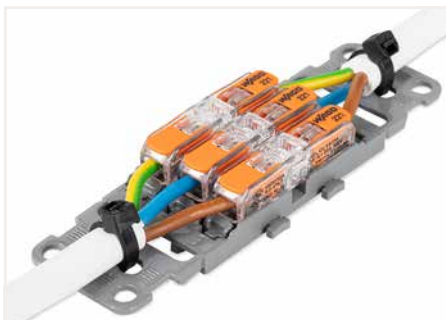
Push the connector to the center position until it snaps into place.



Conductor wiring can also be performed in fixed position.



Various combinations of 1- to 5-connector mounting carriers are possible via side-by-side latching mechanism.



3-pole mounting carrier with strain relief

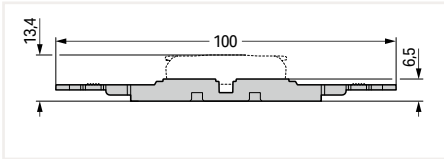


Mounting carrier without strain relief – snapped onto DIN-rail

Mounting Carrier; for Inline Splicing Connectors 221 Series



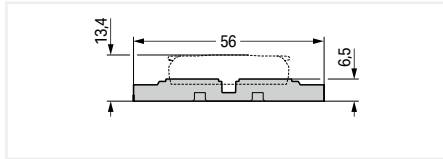
Dimensions in mm



Mounting carrier with strain relief; for inline splicing connector with levers; for screw mounting; gray

	Item No.	Pack. Unit
○ 1x	221-2501	25 (5)
○ 2x	221-2502	25 (5)
○ 3x	221-2503	25 (5)
○ 4x	221-2504	25 (5)
○ 5x	221-2505	25 (5)

Dimensions in mm



Mounting carrier; for inline splicing connector with levers; for screw mounting; gray

	Item No.	Pack. Unit
○ 1x	221-2521	25 (5)
○ 2x	221-2522	25 (5)
○ 3x	221-2523	25 (5)
○ 4x	221-2524	25 (5)
○ 5x	221-2525	25 (5)


Accessories; 221 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

Mounting foot; can be screwed on terminal blocks with mounting flange; for DIN-15 rail; 6.4 mm wide

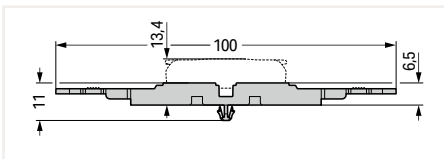
	gray	209-1116	25
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Marking strip; as DIN A4 sheet; 5 mm high; 182 mm long; plain; self-adhesive

	white	210-334	100
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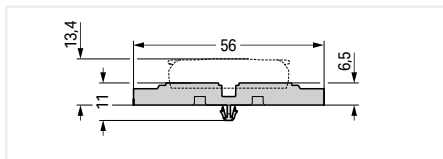
Dimensions in mm



Mounting carrier with strain relief; for inline splicing connector with levers; with snap-in mounting foot; gray

	Item No.	Pack. Unit
○ 1x	221-2511	25 (5)
○ 2x	221-2512	25 (5)
○ 3x	221-2513	25 (5)
○ 4x	221-2514	25 (5)
○ 5x	221-2515	25 (5)

Dimensions in mm



Mounting carrier; for inline splicing connector with levers; with snap-in mounting foot; gray

	Item No.	Pack. Unit
○ 1x	221-2531	25 (5)
○ 2x	221-2532	25 (5)
○ 3x	221-2533	25 (5)
○ 4x	221-2534	25 (5)
○ 5x	221-2535	25 (5)

Accessories; 221 Series

Appropriate marking system: Marking strips

Mounting foot; snaps onto terminal blocks with snap-in mounting foot; for DIN-35 rail; 6.4 mm wide

	gray	209-120	25
---	------	---------	----

Mounting foot with screw; can be screwed on terminal blocks with mounting flange; for DIN-35 rail; 6.4 mm wide

	gray	209-123	25
---	------	---------	----

Mounting screw; for mounting foot (209-120)

	209-119	500 (50)
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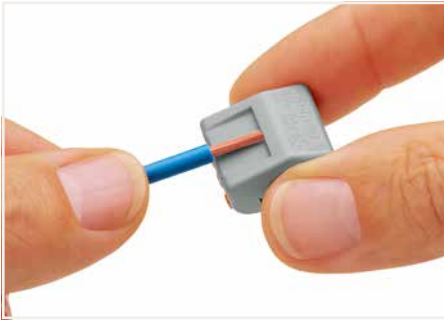
Mounting foot; snaps onto terminal blocks with snap-in mounting foot; for DIN-15 rail; 6.4 mm wide

	gray	209-1115	25
---	------	----------	----

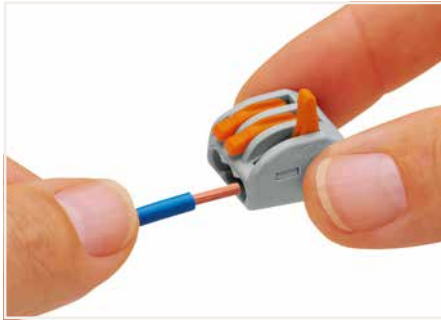
CLASSIC Splicing Connectors for All Conductor Types

222 Series

Description and Installation



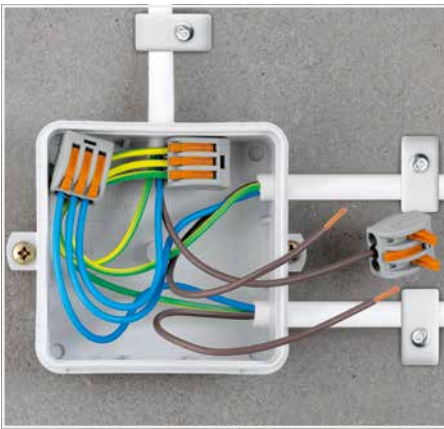
Strip conductor to 9 ... 10 mm (0.35 ... 0.39 inch).



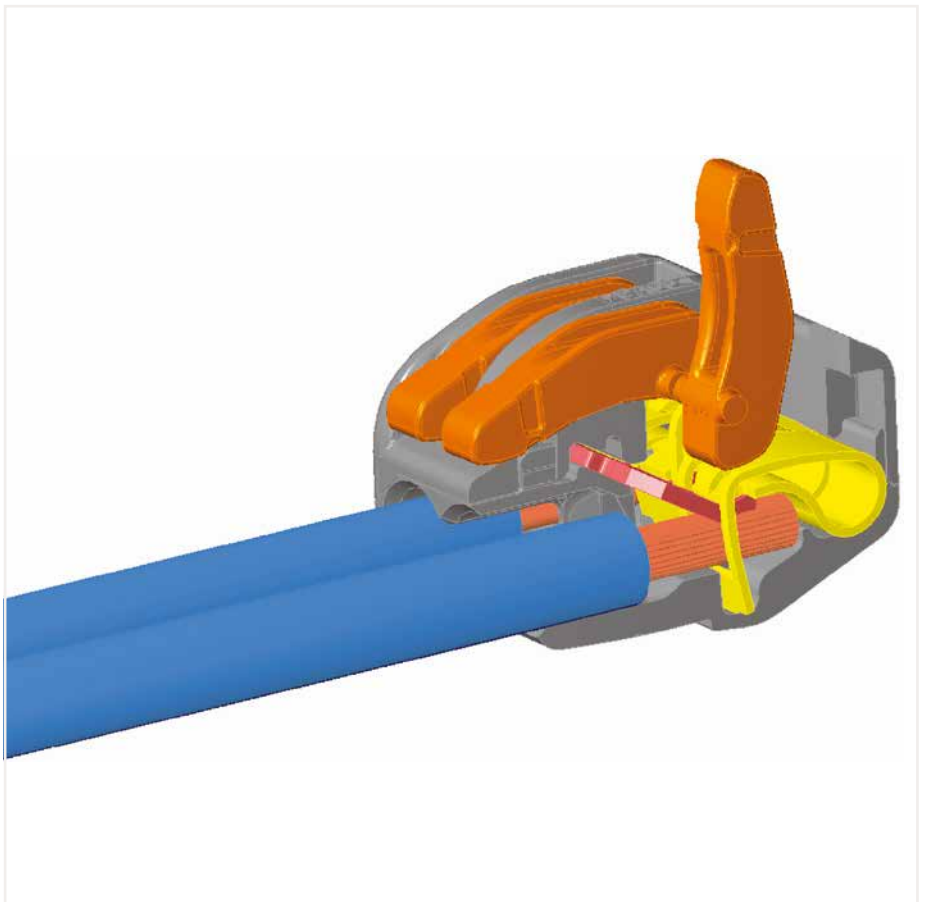
Termination: Lift the lever to open the clamping unit and insert a stripped conductor.



Then, lower the lever to close the clamp.



Wiring fine-stranded conductors in a junction box.



13



Testing the wired connectors.

CAGE CLAMP® terminates the following copper conductors:
solid "s" stranded "st"

fine-stranded "f-st", also with tinned single strands

fine-stranded, tip-bonded

fine-stranded, with ferrule (gastight crimped)

fine-stranded, with pin terminal (gastight crimped)

With ferruled conductors, it is necessary to use a terminal block one size smaller than the conductor's nominal cross section.

CLASSIC Splicing Connector for All Conductor Types

2.5 mm²; 222 Series

Technical Data	
0.08 ... 2.5 mm ² "s+str"	28 ... 12 AWG "s+st"
0.08 ... 4 mm ² "f-st"	28 ... 12 AWG "f-st"
400 V/4 kV/2 ①	600 V, 20 A ②
I _N 32 A	
9 ... 10 mm / 0.35 ... 0.39 inch	

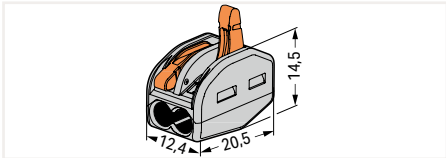
Technical Data	
0.08 ... 2.5 mm ² "s+str"	28 ... 12 AWG "s+st"
0.08 ... 4 mm ² "f-st"	28 ... 12 AWG "f-st"
400 V/4 kV/2 ①	600 V, 20 A ②
I _N 32 A	
9 ... 10 mm / 0.35 ... 0.39 inch	

- ① In grounded power lines
400 V = rated voltage
4 kV = rated impulse voltage
2 = pollution degree
(see Section 15)

Approvals and corresponding ratings, visit www.wago.com



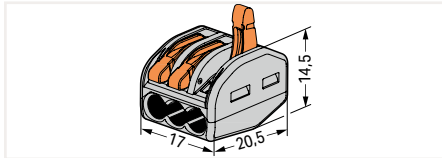
Dimensions in mm



Splicing connector for all conductor types; 2-wire connector; with levers; continuous operating temperature (max.): 85 °C; surrounding air temperature (max.): 40 °C

Color	Item No.	Pack. Unit
○ gray	222-412	500 (50)

Dimensions in mm



Splicing connector for all conductor types; 3-wire connector; with levers; continuous operating temperature (max.): 85 °C; surrounding air temperature (max.): 40 °C

Color	Item No.	Pack. Unit
○ gray	222-413	500 (50)



Compact, lever-operated splicing connectors:
Tool-free connection of up to five stripped, fine-stranded conductors from 0.08 ... 4 mm² (28 ... 12 AWG), as well as solid or stranded conductors up to 2.5 mm² (12 AWG).

How these 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:

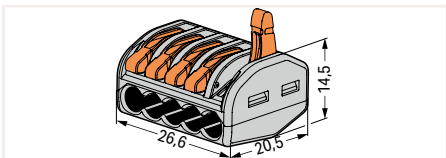
The lever's specially designed rest position reliably prevents accidental unclamping of a connected conductor. Application safety, for any type of conductor (solid, stranded, fine-stranded), is confirmed by approvals like ENEC or UL.

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.



Dimensions in mm



Splicing connector for all conductor types; 5-wire connector; with levers; continuous operating temperature (max.): 85 °C; surrounding air temperature (max.): 40 °C

Color	Item No.	Pack. Unit
○ gray	222-415	400 (40)

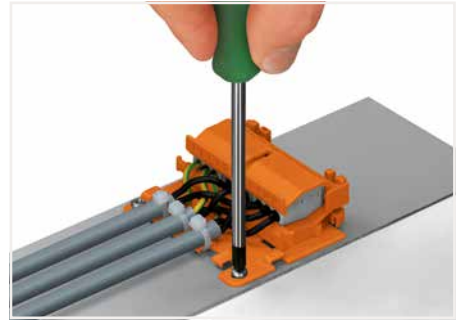
Mounting Carrier 222 Series Installation



Horizontal mounting on DIN-35 rail using an angled DIN-rail adapter



Horizontal mounting with strain relief plate on DIN-35 rail using an angled DIN-rail adapter



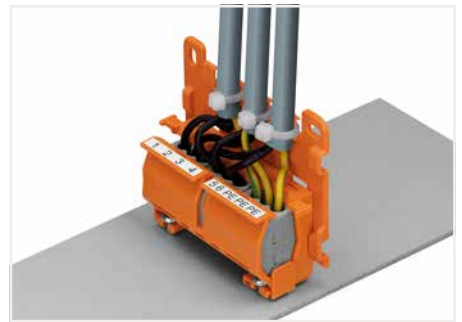
Horizontal screw mounting with strain relief plate on a flat surface



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



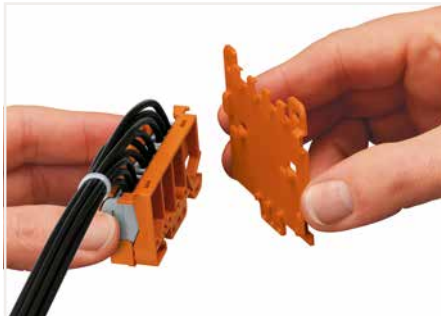
Strain relief via cable ties on the mounting carrier (transverse to the connectors' wiring direction); Molded marking clamping units



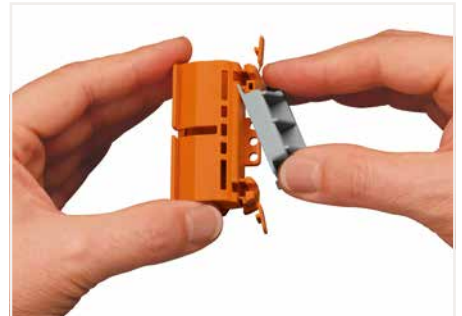
Mounting carrier with strain relief plate mounted vertically on a plate; Round cable secured via strain relief lug.



Snapping the lateral connector safety lock onto the mounting carrier.



Securing a strain relief plate to the mounting carrier.



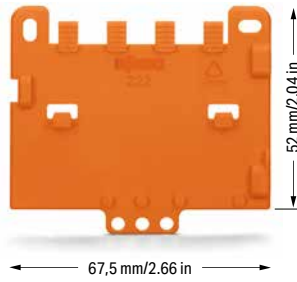
Snapping the angled DIN-rail adapter onto the mounting carrier.

Mounting Carrier 222 Series



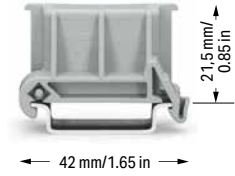
Mounting carrier; for 2-, 3- and 5-wire splicing connectors; 22 mm wide

Color	Item No.	Pack. Unit
● orange	222-500	50 (10)



Strain relief plate; for mounting carrier (221 or 222 Series); snaps on to mounting carrier; 4 mm thick

Color	Item No.	Pack. Unit
● orange	222-505	50 (10)




Angled DIN-rail adapter; in combination with mounting carrier (221-500 or 222-500) for DIN-35 rail mounting; 18.5 mm wide

Color	Item No.	Pack. Unit
○ gray	222-510	50 (10)

Accessories; item-specific

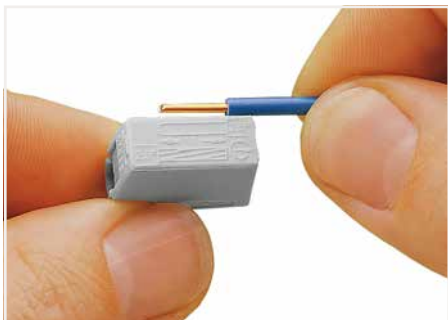
Marking strip; 5 mm high; 48 self-adhesive strips per card; plain

	white	210-334	100
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Lighting Connectors; 224 Series

Lighting Side and Installation Side

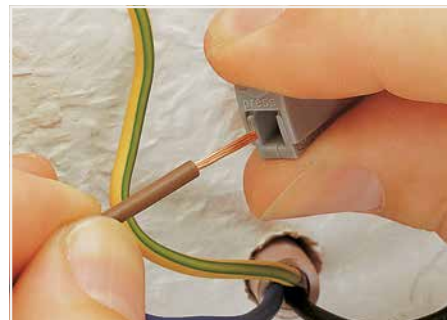
Description and Installation



Strip conductor to 9 ... 11 mm (0.35 ... 0.43 inch).



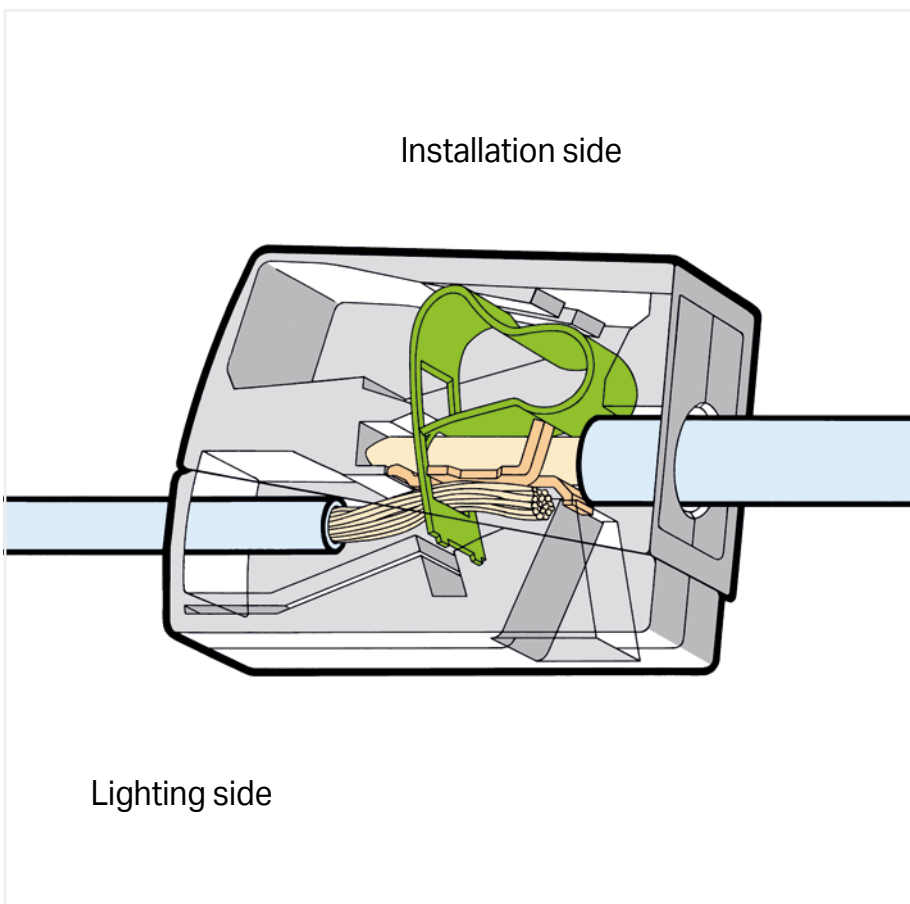
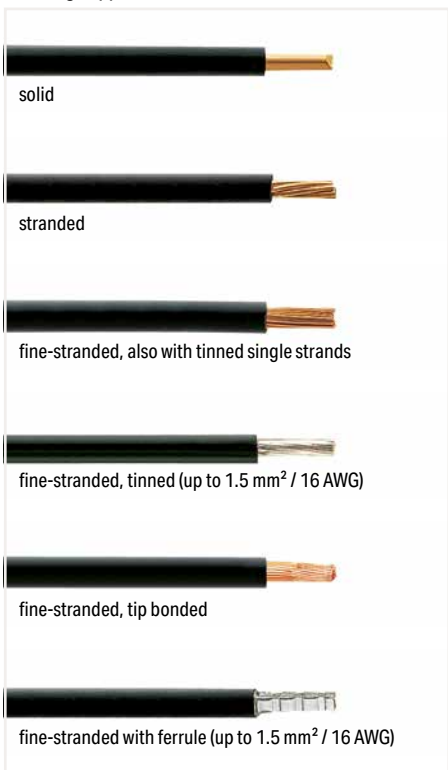
To connect: Press button fully, insert stripped conductor into square entry and release.



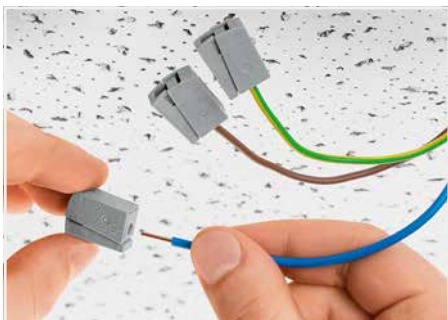
To remove: Press button and withdraw conductor.

Lighting side

CAGE CLAMP® terminates the following copper conductors:



13

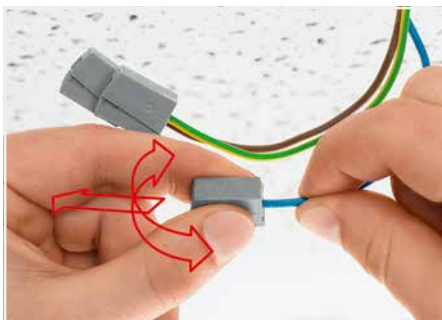


To connect: Insert stripped solid conductor into circular entry and push until it hits the backstop.

Installation side



PUSH WIRE® terminates the following copper conductors:
solid "s"



To remove: Hold conductor to be removed and twist alternately left and right while slightly pulling the connector.



Testing via separate test ports.

Lighting Connector and Service Connector 2.5 mm², 224 Series

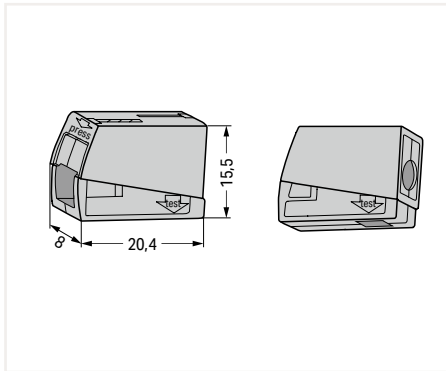
Technical Data	
Installation side	
1 ... 2.5 mm ² "s"	14 ... 12 AWG
Lighting side	
0.5 ... 2.5 mm ² "s+f-st"	20 ... 16 AWG
400 V/4 kV/2	300 V, 20 AⓈ
I _N 24 A	300 V, 20 AⓈ
9 ... 11 mm / 0.35 ... 0.43 inch	

Technical Data	
Installation side	
1 ... 2.5 mm ² "s"	16 ... 14 AWG
Lighting side	
0.5 ... 2.5 mm ² "s+f-st"	20 ... 16 AWG
400 V/4 kV/2	300 V, 20 AⓈ
I _N 24 A	300 V, 20 AⓈ
9 ... 11 mm / 0.35 ... 0.43 inch	

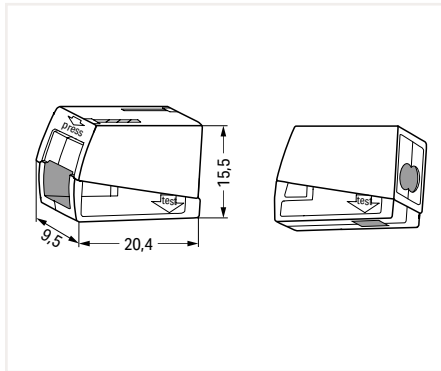
Technical Data	
0.5 ... 2.5 mm ² "s+f-st"	20 ... 16 AWG
400 V/4 kV/2	300 V, 20 AⓈ
I _N 24 A	
9 ... 11 mm / 0.35 ... 0.43 inch	



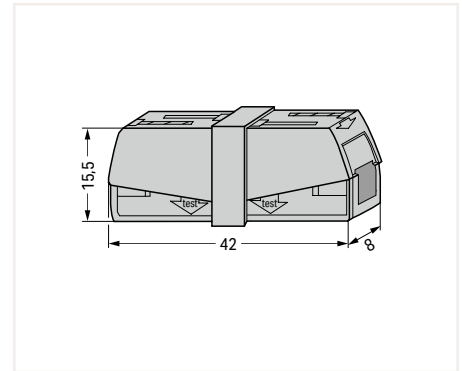
Dimensions in mm



Dimensions in mm



Dimensions in mm



Lighting connector; Standard version; continuous operating temperature (max.): 105 °C; surrounding air temperature (max.): 60 °C

Color	Item No.	Pack. Unit
○ gray	224-101	1000 (100)

2-wire lighting connector; Standard version; continuous operating temperature (max.): 105 °C; surrounding air temperature (max.): 60 °C

Color	Item No.	Pack. Unit
○ white	224-112	1000 (100)

Service connector

Color	Item No.	Pack. Unit
○ gray	224-201	50

Lighting connector; Version for increased continuous operating temperature: 120 °C; surrounding air temperature (max.): 75 °C

● black	224-104	100
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2-wire lighting connector; Version for increased continuous operating temperature: 120 °C; surrounding air temperature (max.): 75 °C

● black	224-114	100
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Accessories; 224 Series

Syringe; contains 20 ml "Alu-Plus" Contact Paste

249-130	20 (5)
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Splicing Connector Set 887 Series



Splicing connector set; Vario-T-BOXX; 222, 224, 243, 2273 Series

Item No.	Pack. Unit
887-910	1

Contains:
CLASSIC splicing connector; 0.08 ... 4 mm²; gray
 • 50 x 3-conductor 222-413
 • 40 x 5-conductor 222-415

Lighting connector; 1 ... 2.5 mm² "s"; gray
 • 100 x 224-101

MICRO PUSH WIRE® connector for junction boxes; Ø 0.6 ... 0.8 mm
 • 100 x 4-conductor (dark gray) 243-204
 • 100 x 4-conductor (red) 243-804
 • 50 x 8-conductor (dark gray) 243-208

COMPACT splicing connector; 0.5 ... 2.5 mm²
 • 100 x 2-conductor (white) 2273-202
 • 100 x 3-conductor (orange) 2273-203
 • 100 x 5-conductor (yellow) 2273-205
 • 50 x 8-conductor (light gray) 2273-208

Mounting carrier; for 6 connectors; orange
 • 10 x 243-113



Splicing connector set; Vario-T-BOXX; 221, 224, 243, 773, 2273 Series

Item No.	Pack. Unit
887-912	1

Contains:
COMPACT splicing connector; 0.2 ... 4 mm²; transparent
 • 50 x 3-conductor 221-413
 • 25 x 5-conductor 221-415

2-conductor lighting connector; 1 ... 2.5 mm² "s"; white
 • 100 x 224-112

MICRO PUSH WIRE® connector for junction boxes; Ø 0.6 ... 0.8 mm
 • 100 x 4-conductor (dark gray) 243-204
 • 100 x 4-conductor (red) 243-804
 • 50 x 8-conductor (dark gray) 243-208

COMPACT splicing connector; 0.5 ... 2.5 mm²
 • 100 x 3-conductor (orange) 2273-203
 • 100 x 5-conductor (yellow) 2273-205
 • 50 x 8-conductor (light gray) 2273-208

PUSH WIRE® connector for junction boxes; 1.5 ... 4 mm² "s"; red
 • 100 x 4-conductor 773-604

Mounting carrier; for 6 connectors; orange
 • 10 x 243-113



Splicing connector set; L-BOXX® 102; 221, 224, 243, 773, 2273 Series

Item No.	Pack. Unit
887-925	1

Contains:
COMPACT splicing connector; 0.2 ... 4 mm²; transparent
 • 100 x 2-conductor 221-412
 • 50 x 3-conductor 221-413
 • 25 x 5-conductor 221-415

2-conductor lighting connector; 1 ... 2.5 mm² "s"; white
 • 100 x 224-112

MICRO PUSH WIRE® connector for junction boxes; Ø 0.6 ... 0.8 mm
 • 100 x 4-conductor (dark gray) 243-204
 • 50 x 8-conductor (dark gray) 243-208

COMPACT splicing connector; 0.5 ... 2.5 mm²
 • 100 x 3-conductor (orange) 2273-203
 • 100 x 5-conductor (yellow) 2273-205
 • 50 x 8-conductor (light gray) 2273-208

PUSH WIRE® connector for junction boxes; 2.5 ... 6 mm² "s"; red
 • 100 x 4-conductor 773-173

Mounting carrier; for 2-, 3- and 5-wire splicing connectors (4 mm²); orange
 • 4 x 221-500



Splicing connector set; L-BOXX® 102; 221 Series - 4 mm² & 6 mm²

Item No.	Pack. Unit
887-928	1

Contains:
COMPACT splicing connector; 0.2 ... 4 mm²; transparent
 • 100 x 2-conductor 221-412
 • 250 x 3-conductor 221-413
 • 25 x 5-conductor 221-415

COMPACT splicing connector; 0.5 ... 6 mm²; transparent
 • 30 x 3-conductor 221-613

Mounting carrier; for 2-, 3- and 5-wire splicing connectors (4 mm²); orange
 • 10 x 221-500

13



Splicing connector set; L-BOXX® 102; 221, 2273 Series

Item No.	Pack. Unit
887-926	1

Contains:

COMPACT splicing connector; 0.2 ... 4 mm²; transparent

- 100 x 2-conductor 221-412
- 100 x 3-conductor 221-413
- 25 x 5-conductor 221-415

COMPACT splicing connector; 0.5 ... 2.5 mm²

- 100 x 2-conductor (white) 2273-202
- 100 x 3-conductor (orange) 2273-203
- 100 x 4-conductor (red) 2273-204
- 100 x 5-conductor (yellow) 2273-205
- 50 x 8-conductor (light gray) 2273-208

Mounting carrier; for 2-, 3- and 5-wire splicing connectors (4 mm²); orange

- 2 x 221-500

Mounting carrier; for single- and double-row connectors; orange

- 2 x 2273-500



Splicing connector set; L-BOXX® 102; 221 Series

Item No.	Pack. Unit
887-927	1

Contains:

COMPACT splicing connector; 0.2 ... 4 mm²; transparent

- 100 x 2-conductor 221-412
- 250 x 3-conductor 221-413
- 50 x 5-conductor 221-415

Mounting carrier; for 2-, 3- and 5-wire splicing connectors (4 mm²); orange

- 10 x 221-500

Splicing connector set; L-BOXX® 102; 221 Series – 4 mm² & 6 mm²

Item No.	Pack. Unit
887-931	1

Contains:

COMPACT splicing connector; 0.2 ... 4 mm²; transparent

- 100 x 2-conductor 221-412
- 250 x 3-conductor 221-413
- 50 x 5-conductor 221-415

COMPACT splicing connector; 0.5 ... 6 mm²; transparent

- 50 x 2-conductor 221-612
- 30 x 3-conductor 221-613
- 5 x 5-conductor 221-615

Mounting carrier; for 2-, 3- and 5-wire splicing connectors (4 mm²); orange

- 2 x 221-500

Mounting carrier; for 2-, 3- and 5-wire splicing connectors (6 mm²); orange

- 2 x 221-510

Splicing Connector Set 887 Series



Splicing connector set; L-BOXX MICRO; 221, 2273 Series

Item No.	Pack. Unit
887-802	1

Contains:

- COMPACT splicing connector; 0.2 ... 4 mm²; transparent
- 10 x 2-conductor 221-412
 - 20 x 3-conductor 221-413
 - 8 x 5-conductor 221-415

COMPACT splicing connector; 0.5 ... 2.5 mm²

- 50 x 3-conductor (orange) 2273-203
- 20 x 5-conductor (yellow) 2273-205
- 12 x 8-conductor (light gray) 2273-208

Mounting carrier; for 2-, 3- and 5-wire splicing connectors (4 mm²); orange

- 1 x 221-500

Mounting carrier; for single- and double-row connectors; orange

- 1 x 2273-500



Splicing connector set; L-BOXX® Mini; 221 Series

Item No.	Pack. Unit
887-952	1

Contains:

- COMPACT splicing connector; 0.2 ... 4 mm²; transparent
- 100 x 2-conductor 221-412
 - 100 x 3-conductor 221-413
 - 25 x 5-conductor 221-415

Mounting carrier; for 2-, 3- and 5-wire splicing connectors (4 mm²); orange

- 4 x 221-500



Splicing connector set; L-BOXX® Mini; 2273 Series

Item No.	Pack. Unit
887-953	1

Contains:

- COMPACT splicing connector; 0.5 ... 2.5 mm²
- 100 x 2-conductor (white) 2273-202
 - 100 x 3-conductor (orange) 2273-203
 - 100 x 4-conductor (red) 2273-204
 - 75 x 5-conductor (yellow) 2273-205
 - 25 x 8-conductor (light gray) 2273-208

Mounting carrier; for single- and double-row connectors; orange

- 4 x 2273-500



Splicing connector set; L-BOXX® Mini; 221, 2273, 224 Series

Item No.	Pack. Unit
887-960	1

Contains:

- COMPACT splicing connector; 0.2 ... 4 mm²; transparent
- 20 x 2-conductor 221-412
 - 15 x 3-conductor 221-413
 - 10 x 5-conductor 221-415

COMPACT splicing connector; 0.5 ... 6 mm²; transparent

- 5 x 3-conductor 221-613

2-conductor lighting connector; 1 ... 2.5 mm² "s"; white

- 15 x 224-112

COMPACT splicing connector; 0.5 ... 2.5 mm²

- 40 x 2-conductor (white) 2273-202
- 30 x 3-conductor (orange) 2273-203
- 25 x 4-conductor (red) 2273-204
- 20 x 5-conductor (yellow) 2273-205
- 15 x 8-conductor (light gray) 2273-208



Splicing connector set; L-BOXX® Mini; 221, 2273 Series

Item No.	Pack. Unit
887-955	1

Contains:

COMPACT splicing connector; 0.2 ... 4 mm²; transparent

- 75 x 2-conductor 221-412
- 50 x 3-conductor 221-413
- 25 x 5-conductor 221-415

COMPACT splicing connector; 0.5 ... 2.5 mm²

- 100 x 3-conductor (orange) 2273-203
- 75 x 5-conductor (yellow) 2273-205
- 25 x 8-conductor (light gray) 2273-208

Mounting carrier; for 2-, 3- and 5-wire splicing connectors (4 mm²); orange

- 1 x 221-500

Mounting carrier; for single- and double-row connectors; orange

- 1 x 2273-500

Splicing connector set; L-BOXX® Mini; 221 Series – 4 mm² & 6 mm²

Item No.	Pack. Unit
887-957	1

Contains:

COMPACT splicing connector; 0.2 ... 4 mm²; transparent

- 75 x 2-conductor 221-412
- 50 x 3-conductor 221-413
- 25 x 5-conductor 221-415

COMPACT splicing connector; 0.5 ... 6 mm²; transparent

- 40 x 2-conductor 221-612
- 30 x 3-conductor 221-613
- 15 x 5-conductor 221-615

Mounting carrier; for 2-, 3- and 5-wire splicing connectors (4 mm²); orange

- 1 x 221-500

Splicing connector set; L-BOXX® Mini; 221 Series – 4 mm² & 6 mm²

Item No.	Pack. Unit
887-959	1

Contains:

COMPACT splicing connector; 0.2 ... 4 mm²; transparent

- 100 x 2-conductor 221-412
- 100 x 3-conductor 221-413
- 25 x 5-conductor 221-415

COMPACT splicing connector; 0.5 ... 6 mm²; transparent

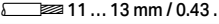

- 30 x 3-conductor 221-613

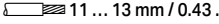
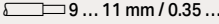
Mounting carrier; for 2-, 3- and 5-wire splicing connectors (4 mm²); orange

- 1 x 221-500

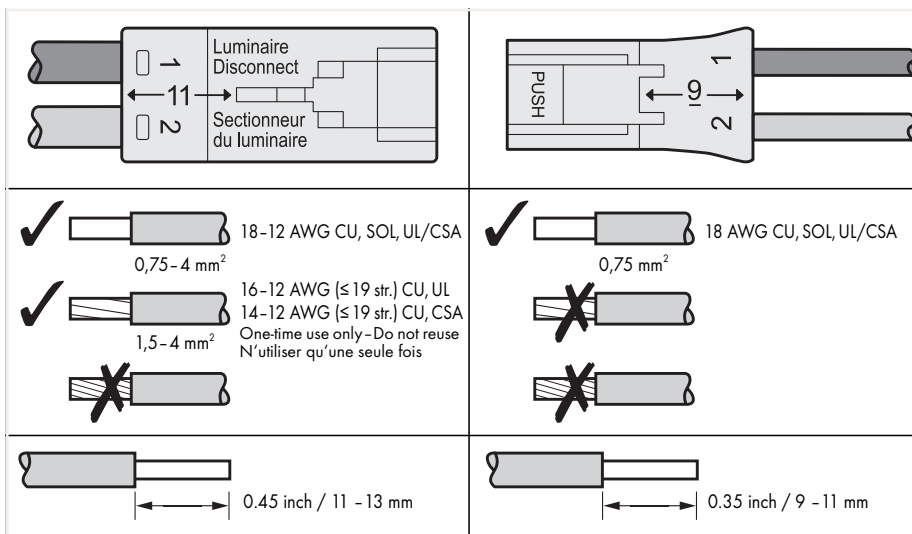
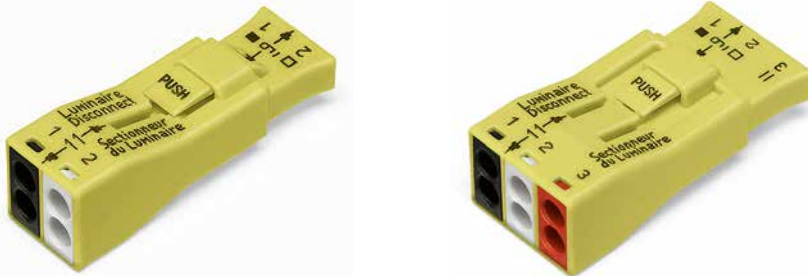
Luminaire Disconnect Connector (U.S. Version)

12 AWG; 873 Series

Technical Data	
2-conductor plug ①	1-conductor socket ②
18 ... 12 AWG "s"	18 AWG "s"
16 ... 12 AWG "st"	600 V, 6 A
 11 ... 13 mm / 0.43 ... 0.51 inch ①	
 9 ... 11 mm / 0.35 ... 0.43 inch ②	

Technical Data	
2-conductor plug ①	1-conductor socket ②
18 ... 12 AWG "s"	18 AWG "s"
16 ... 12 AWG "st"	600 V, 6 A
 11 ... 13 mm / 0.43 ... 0.51 inch ①	
 9 ... 11 mm / 0.35 ... 0.43 inch ②	

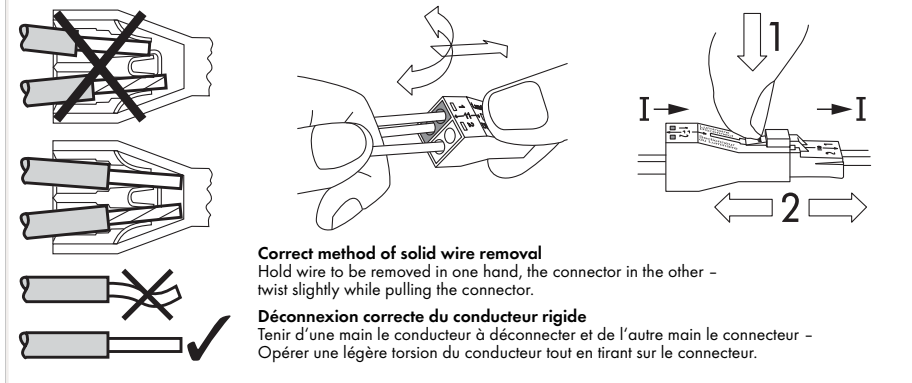
- ① 2-conductor plug
 - ② 1-conductor socket
- Approvals and corresponding ratings, visit www.wago.com



Touchproof connectors are required for ballast supply cables in the USA and Canada. When exchanging a ballast:

1. The touch-proof plug-in connection is disconnected first.
2. The ballast is replaced.
3. Network connection is restored by plugging the connection.

Reconnection streamlines ballast replacement while enhancing safety by safeguarding the installer from electric shock. The 873 Series is approved according to UL 2459 and CSA 22.2 for this type of application.



873 Series approvals per EN 60998 and EN 61984:

EN 60998
0.75 mm² (solid), 6 A for socket
1.5 ... 4 mm² (solid), 32 A for plug
400 V / 4 kV / 2



EN 61984
0.75 mm² (solid), 6 A for socket
0.75 ... 4 mm² (solid), 32 A for plug
400 V / 4 kV / 2

Luminaire Disconnect Connectors		
Pole No.	Item No.	Pack. Unit
2	873-902	400

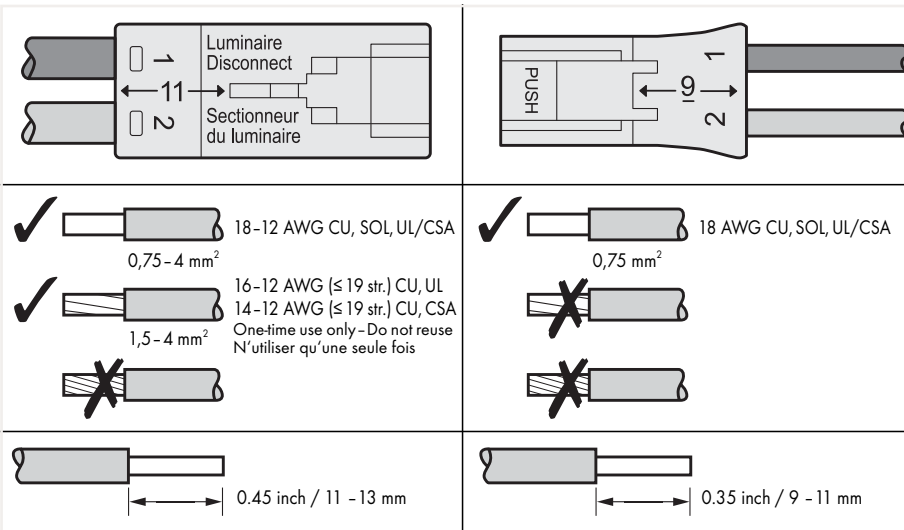
Luminaire Disconnect Connectors		
Pole No.	Item No.	Pack. Unit
3	873-903	200

Luminaire Disconnect Connector (U.S. Version) 12 AWG; 873 Series

Technical Data

2-conductor plug ①	1-conductor socket ②
18 ... 12 AWG "s"	18 AWG "s"
16 ... 12 AWG "st"	600 V, 6 A
 11 ... 13 mm / 0.43 ... 0.51 inch ①	
 9 ... 11 mm / 0.35 ... 0.43 inch ②	

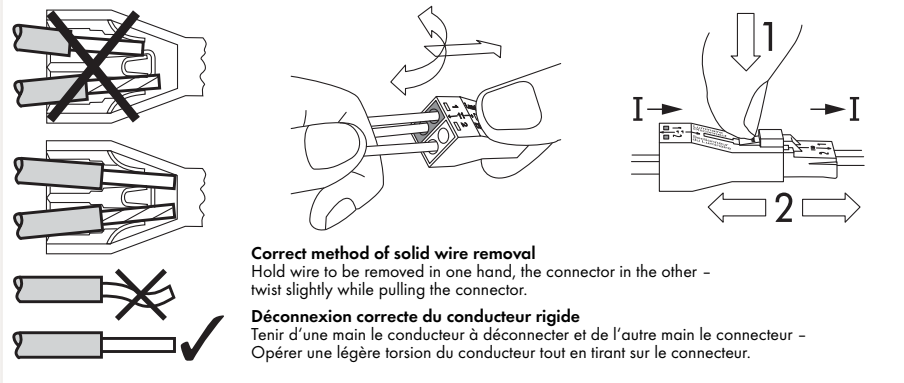
- ① 2-conductor plug
 - ② 1-conductor socket
- Approvals and corresponding ratings, visit www.wago.com



Touchproof connectors are required for ballast supply cables in the USA and Canada. When exchanging a ballast:

1. The touch-proof plug-in connection is disconnected first.
2. The ballast is replaced.
3. Network connection is restored by plugging the connection.

Reconnection streamlines ballast replacement while enhancing safety by safeguarding the installer from electric shock. The 873 Series is approved according to UL 2459 and CSA 22.2 for this type of application.



873 Series approvals per EN 60998 and EN 61984:

EN 60998
0.75 mm² (solid), 6 A for socket
1.5 ... 4 mm² (solid), 32 A for plug
400 V / 4 kV / 2

EN 61984
0.75 mm² (solid), 6 A for socket
0.75 ... 4 mm² (solid), 32 A for plug
400 V / 4 kV / 2

Luminaire disconnect connector; with preceding ground contact

Pole No.	Item No.	Pack. Unit
2	873-953	500