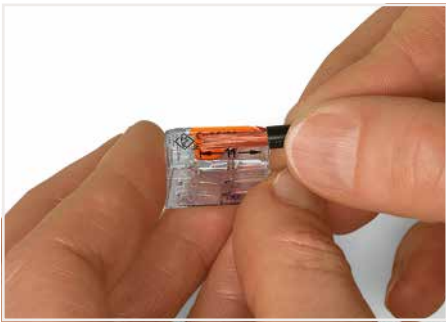


WAGO COMPACT Splicing Connectors

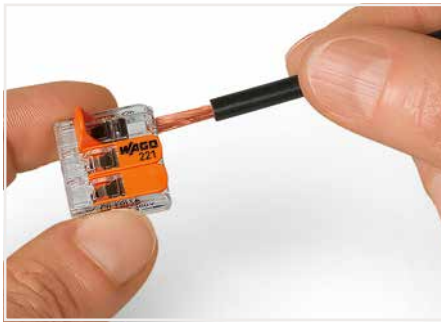
- 221 Series

Description and Installation

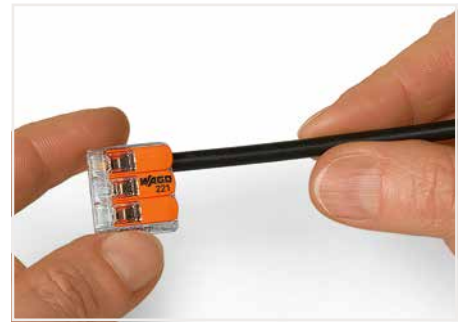
2



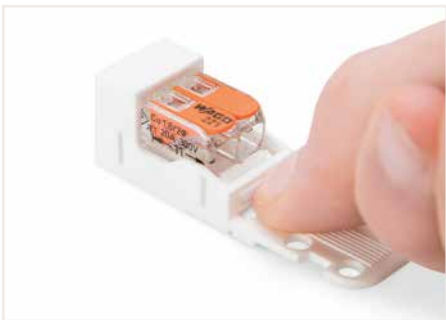
Stripping a conductor.



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



Then, lower the lever to close the clamp.



Mounting carrier



Wiring Fine-Stranded Conductors in Junction Boxes



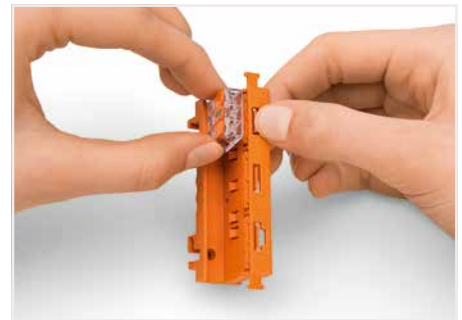
Splicing connectors in a junction box (207-4301)



Removing a conductor.



Create potential distributions with up to eight connection points in the DIN-rail adapter; an optional lock prevents accidentally opening a connection (locking function).



Removing a connector from the mounting carrier.



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



3-pole mounting carrier with strain relief








Multi-pole, fixed lighting fixture wiring

WAGO COMPACT Splicing Connector

- 221 Series

4 / 6 mm²

Illustration	Description	Color	Item No.	Pack. Unit	Dimensions (W x H x D)	Electrical Data
COMPACT Splicing Connector; 4 mm² ①						
	2-wire connector; with levers; transparent housing; orange levers	● orange	221-412	1000	13.1 x 8.3 x 18.6 mm / 0.52 x 0.33 x 0.73 inch	450 V/4 kV/2 ⑤; I _N 32 A; 600 V, 20 A ⑥-
	3-wire connector; with levers; transparent housing; orange levers	● orange	221-413	500	18.7 x 8.3 x 18.6 mm / 0.74 x 0.33 x 0.73 inch	450 V/4 kV/2 ⑤; I _N 32 A; 600 V, 20 A ⑥-
	5-wire connector; with levers; transparent housing; orange levers	● orange	221-415	250	29.9 x 8.3 x 18.6 mm / 1.18 x 0.33 x 0.73 inch	450 V/4 kV/2 ⑤; I _N 32 A; 600 V, 20 A ⑥-
	Mounting carrier for single connectors; for screw mounting; for 2-wire connectors	○ white ● black	221-502 221-502/000-004	50 50	18.1 x 16.9 x 52.8 mm / 0.71 x 0.67 x 2.08 inch	
	Mounting carrier for single connectors; for screw mounting; for 3-wire connectors	○ white ● black	221-503 221-503/000-004	50 50	23.7 x 16.9 x 52.8 mm / 0.93 x 0.67 x 2.08 inch	
	Mounting carrier for single connectors; for screw mounting; for 5-wire connectors	○ white ● black	221-505 221-505/000-004	50 50	35 x 16.9 x 52.8 mm / 1.38 x 0.67 x 2.08 inch	
	Mounting carrier; for 2-, 3- and 5-wire splicing connectors (4 mm ²); 17.5 mm wide	● orange ● dark gray/yellow ● blue	221-500 221-500/000-053 221-500/000-006	50 50 50	17.5 x 25.5 x 77.6 mm / 1.69 x 1 x 3.06 inch	
COMPACT Splicing Connector; 6 mm² ②						
	2-wire connector; with levers; transparent housing; orange levers	● orange	221-612	500	16 x 10.1 x 21.1 mm / 0.63 x 0.4 x 0.83 inch	450 V/4 kV/2 ⑤; I _N 41 A; 600 V, 20 A ⑥-
	3-wire connector; with levers; transparent housing; orange levers	● orange	221-613	300	22.9 x 10.1 x 21.1 mm / 0.9 x 0.4 x 0.83 inch	450 V/4 kV/2 ⑤; I _N 41 A; 600 V, 20 A ⑥-
	5-wire connector; with levers; transparent housing; orange levers	● orange	221-615	150	36.7 x 10.1 x 21.1 mm / 1.45 x 0.4 x 0.83 inch	450 V/4 kV/2 ⑤; I _N 41 A; 600 V, 20 A ⑥-
	Mounting carrier; for 2-, 3- and 5-wire splicing connectors (6 mm ²); 17.5 mm wide	● orange	221-510	50	19.3 x 28.3 x 94.2 mm / 0.76 x 1.1 x 3.71 inch	
		● dark gray/yellow	221-510/000-053	50		
		● blue	221-510/000-006	50		
Accessories for all COMPACT Splicing Connectors						
	Adjacent jumper; with locking the contact point lever; for 221 Series (4 mm ² and 6 mm ²)	○ gray ● blue	221-941 221-941/000-006	50 50		
	Adjacent jumper; without locking the contact point lever; for 221 Series (4 mm ² and 6 mm ²)	○ gray ● blue	221-942 221-942/000-006	50 50		
	Angled DIN-rail adapter; in combination with a mounting carrier (221-500); for DIN-35 rail mounting	○ gray	222-510	50	18.5 x 21.5 x 42 mm / 0.73 x 0.85 x 1.65 inch	
	Strain relief plate; for mounting carrier (221 or 222 Series); snaps on to mounting carrier	● orange	222-505	50	4 x 52 x 67.5 mm / 0.16 x 2.05 x 2.66 inch	
	Junction box; for 221 Series Splicing Connectors	○ white	207-4301	1	225 x 46 x 145 mm / 0.32 x 0.61 x 0.8 inch	
COMPACT Inline Splicing Connector						
	Inline splicing connector with levers; transparent housing; 4 mm ² ③	● orange	221-2411	600	8.1 x 8.9 x 35.5 mm / 0.32 x 0.35 x 0.14 inch	450/4 kV/2 2 ⑤; I _N 32 A; 600 V, 20 A ⑥-
	Inline splicing connector with levers; transparent housing; max. 12 AWG ④	○ white	221-2401	600		450/4 kV/2 2 ⑤; I _N 32 A; 600 V, 20 A ⑥-
Mounting carrier; with strain relief						
	for screw mounting; x-fold (1 ... 5)	○ gray	221-250x	25		
	with snap-in mounting foot; x-fold (1 ... 5)	○ gray	221-251x	25		
Mounting carrier						
	for screw mounting; x-fold (1 ... 5)	○ gray	221-252x	25		
	with snap-in mounting foot; x-fold (1 ... 5)	○ gray	221-253x	25		

① Conductor range: 0.2 ... 4 mm² "s+st"; 0.14 ... 4 mm² "f-st" / 24 ... 12 AWG; Strip length: 11 mm / 0.43 inch

② Conductor range: 0.5 ... 6 mm² / 20 ... 10 AWG; Strip length: 12 ... 14 mm / 0.47 ... 0.55 inch

③ Conductor range: 0.2 ... 4 mm² "s+st"; 0.2 ... 4 mm² "f-st" / 20 ... 14 AWG; Strip length: 11 mm / 0.43 inch

④ Conductor range: 0.2 ... 4 mm² "s+st"; 0.34 ... 4 mm² "f-st" / 18 ... 12 AWG; Strip length: 11 mm / 0.43 inch

⑤ 450 V = rated voltage
4 kV = rated impulse voltage
2 = pollution degree

Continuous operating temperature: max. 105 °C
Ambient temperature: max. 85 °C

Permitted combinations of 221 Series COMPACT Splicing Connectors and Gelbox: see page 125