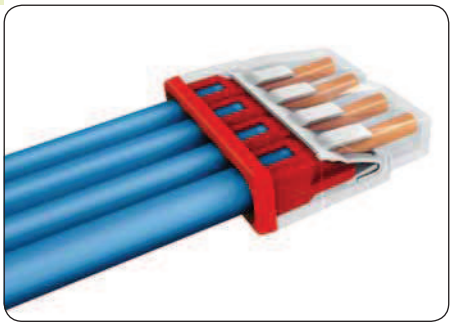
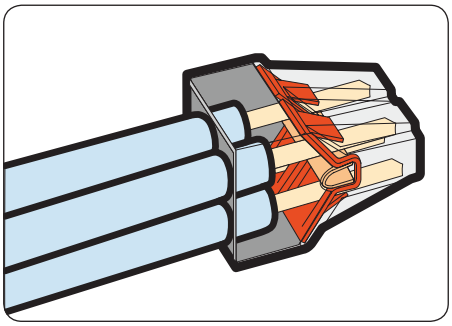
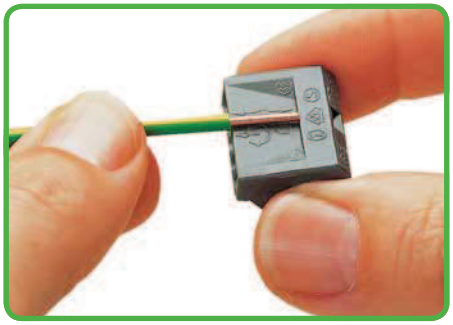
PUSH WIRE® Connectors for Junction Boxes 273 / 773 / 2273 Series – Description and Handling –





Strip length



Strip solid conductor to 10 – 13 mm (0.39 – 0.51 in).

Testing

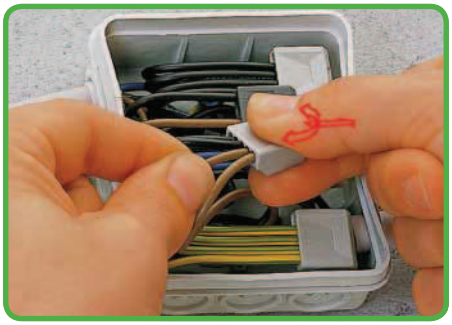


Testing

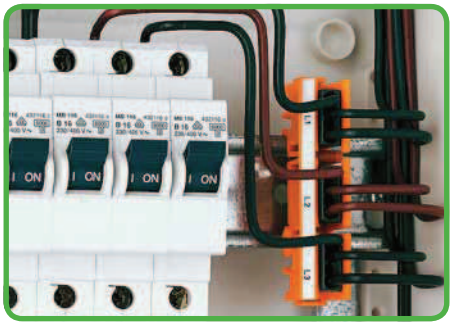
PUSH WIRE® connection



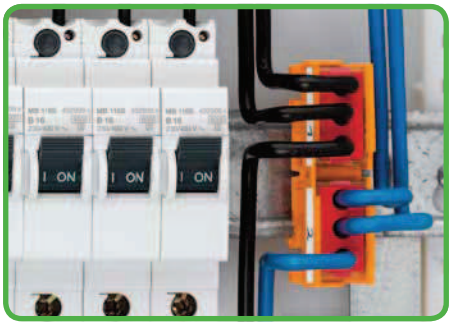
Termination: Insert stripped solid conductor until it hits backstop.



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



FIXED IN POSITION – on a DIN 35 rail (273 Series mounting carrier)



FIXED IN POSITION – on a DIN 35 rail (773 Series mounting carrier)

PUSH WIRE® clamps the following copper conductors:



solid, 273, 773 and 2273 Series

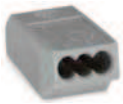


stranded, 773 Series only

Strip length, see packaging or instructions.

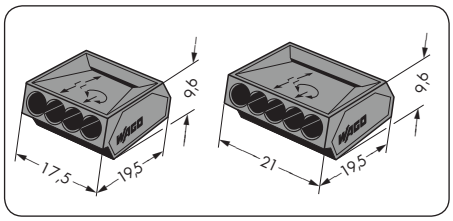
PUSH WIRE® Connectors for Junction Boxes, 273 Series

0.75 – 1.5 mm² "sol." ❶	AWG 18 – 16 "sol."
400 V/ 4 kV/ 2**	600 V, 20 A (UL)
I_N 18 A	600 V, 10 A (CSA)
10 – 13 mm / 0.45 in	
❸ Approvals	





Color	Item No.	Item No.	Pack. Unit
PUSH WIRE® connector for junction boxes			
3 cond.	● 273-100	○ 273-153	1000

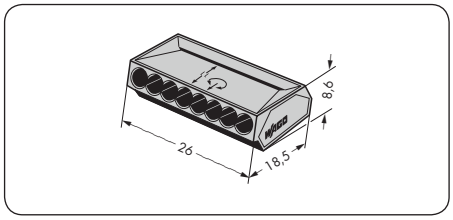


0.75 – 1.5 mm² "sol." ❶	AWG 18 – 16 "sol."
400 V/ 4 kV/ 2**	600 V, 20 A (UL)
I_N 18 A	600 V, 10 A (CSA)
10 – 13 mm / 0.45 in	
❸ Approvals	





Color	Item No.	Item No.	Pack. Unit
PUSH WIRE® connector for junction boxes			
5 cond.	● 273-101	○ 273-155	1000
8 cond.	● 273-108	○ 273-158	500



PUSH WIRE® Connectors for Junction Boxes
COMPACT PUSH WIRE® Connectors for Junction Boxes

273 Series

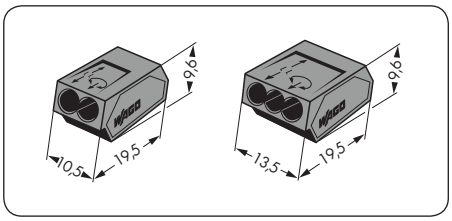
1 – 2.5 mm² "sol." ❶ | AWG 14 – 12 "sol."
400 V/ 4 kV/ 2**
I_N 24 A | 600 V, 20 A UL
600 V, 20 A CSA

10 – 13 mm / 0.45 in

❸ Approvals



Color	Item No.	Item No.	Pack. Unit
PUSH WIRE® connector for junction boxes			
2 cond.	**273-112**	**273-252**	1000
3 cond.	**273-104**	**273-253**	1000
4 cond.	**273-102**	**273-254**	1000



2273 Series

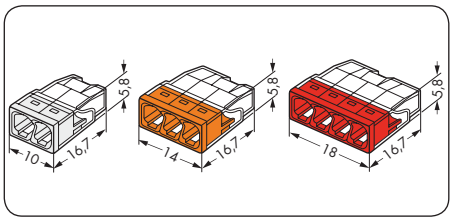
0.5 – 2.5 mm² "sol." ❶ | AWG 18 – 14 "sol."
450 V/ 4 kV/ 2**
I_N 24 A

11 mm / 0.43 in

❸ Approvals



Color	Item No.	Pack. Unit
COMPACT PUSH WIRE® connector for junction boxes, Housing color: transparent		
2 cond. white	**2273-202**	1000 (10x100)
3 cond. orange	**2273-203**	1000 (10x100)
4 cond. red	**2273-204**	1000 (10x100)



773 Series

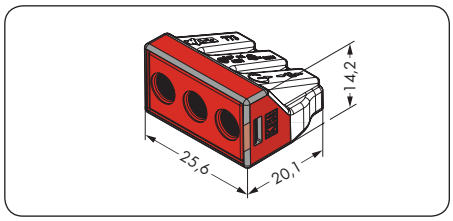
2.5 – 6 mm² "s+st"
400 V/ 4 kV/ 2**
I_N 41 A | AWG 14 – 10 "s+st"
600 V, 20 A UL
600 V, 30 A CSA

12 – 13 mm / 0.49 in

❸ Approvals



Color	Item No.	Pack. Unit
PUSH WIRE® connector for junction boxes, transparent housing		
3 cond. red	**773-173**	500 (10x50)



---

1 – 2.5 mm² "sol." ❶ | AWG 14 – 12 "sol."
AWG 18 – 12 "sol." ❹
400 V/ 4 kV/ 2**
I_N 24 A | 600 V, 20 A UL
600 V, 20 A CSA

10 – 13 mm / 0.45 in
12 mm / 0.47 in ❹

❸ Approvals



Color	Item No.	Item No.	Pack. Unit
PUSH WIRE® connector for junction boxes			
5 cond.	**273-105**	**273-255**	1000
8 cond.	**773-108** ❹		500

0.5 – 2.5 mm² "sol." ❶ | AWG 18 – 14 "sol."
450 V/ 4 kV/ 2**
I_N 24 A

11 mm / 0.43 in

❸ Approvals

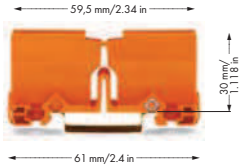


Color	Item No.	Pack. Unit
COMPACT PUSH WIRE® connector for junction boxes, Housing color: transparent		
5 cond. yellow	**2273-205**	1000 (10x100)
8 cond. light gray	**2273-208**	500 (10x50)

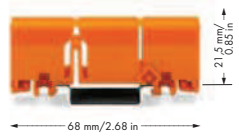
Mounting carrier
for 273 and 773 Series PUSH WIRE® connectors for junction boxes

for 2273 Series COMPACT PUSH WIRE® connectors for junction boxes

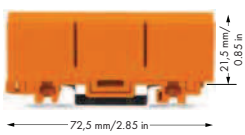
273 Series

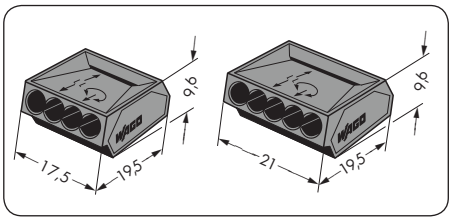


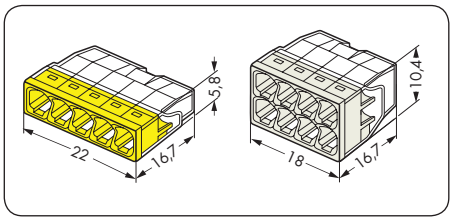
773 Series



2273 Series







Color	Item No.	Pack. Unit
Mounting carrier		
orange	**273-150**	50 (5x10)
orange	**773-332**	50 (5x10)
orange	**2273-500**	50 (5x10)
Self-adhesive marking strips, plain		
white	**210-334**	1

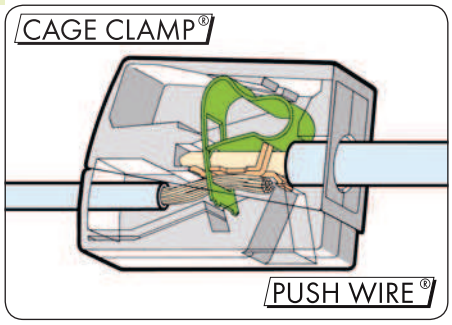
When using conductors of the same diameter only, ❶ 0.5 mm²/AWG 20 ❷ or 0.75 mm²/AWG 18 are also possible.
❸ Approvals are available online at: www.wago.com.

** In grounded power lines
For technical explanations and abbreviations, see technical section.

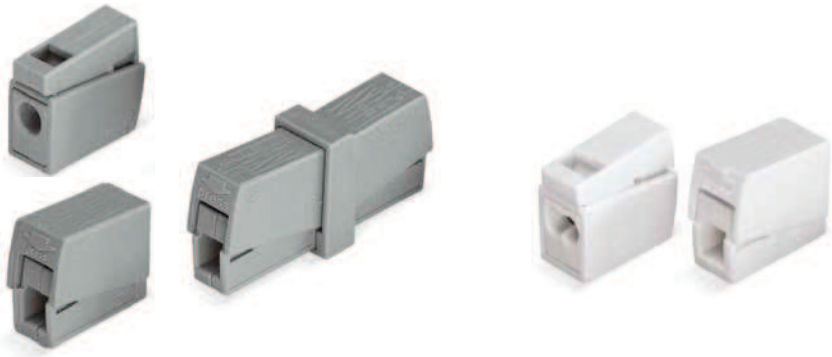
WAGO®

Lighting Connectors and "Service" Connectors
224 Series

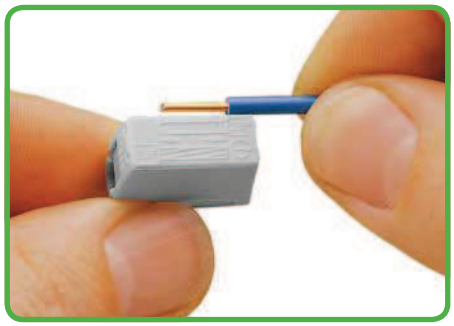
PUSH WIRE®
CAGE CLAMP®



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

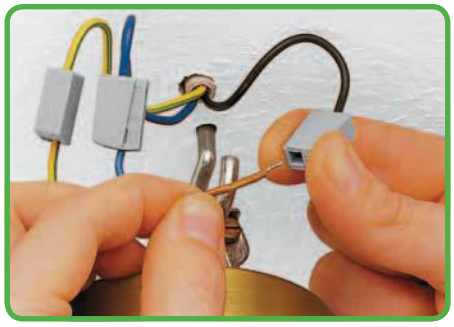


Strip length



Strip conductor to 9 – 11 mm/0.39 in.

Conductor termination



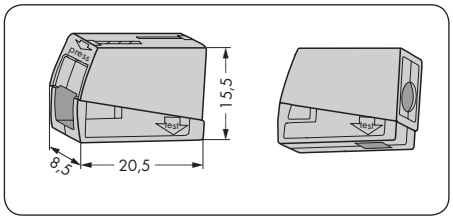
Lighting-side termination:
Press button, insert stripped conductor into square entry and release.

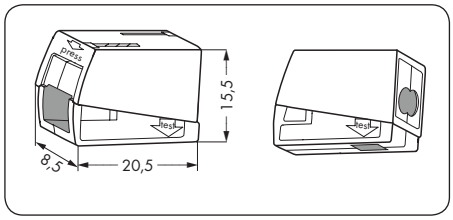


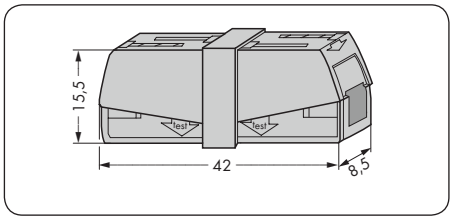
Installation-side termination:
Insert stripped solid conductor into circular entry and push until it hits the backstop.

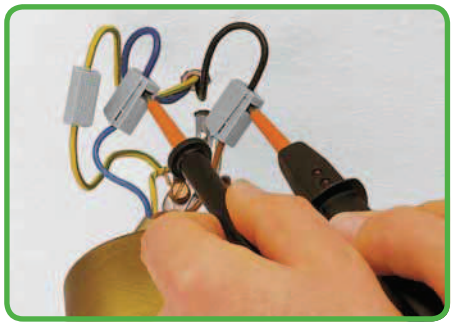
Color	Item No.	Pack. Unit	Color	Item No.	Pack. Unit
Lighting connector,			**2-conductor lighting connector,**		
standard version,			standard version,		
continuous service temperature: 105°C			continuous service temperature: 105°C		
gray	**224-101**	1000	white	**224-112**	1000
Version for increased		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

Dimensions and Handling









Testing through separate test slot.

CAGE CLAMP® clamps the following copper conductors:



solid



stranded



fine-stranded



tip-bonded



with ferrule ❷



with pin terminal

PUSH WIRE® clamps the following copper conductors:

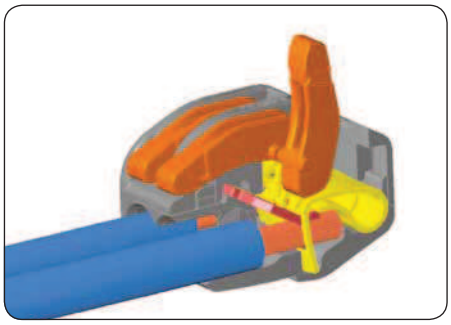


solid

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

Strip length, see packaging or instructions.

Compact Splicing Connectors for Fine-Stranded Conductors
222 Series

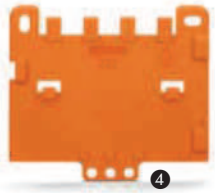


0.08 - 2.5 mm² "s+st" 0.08 - 4 mm² "f-st" 400 V/4 kV/2* I_N 32 A	AWG 28 - 14 "s+f-st" AWG 28 - 12 "f-st" 600 V, 20 A Ⓤ
9 – 10 mm / 0.37 in ❶ Approvals	Mounting carrier, strain relief plate and angled DIN-rail adapter for 222 Series compact splicing connectors











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

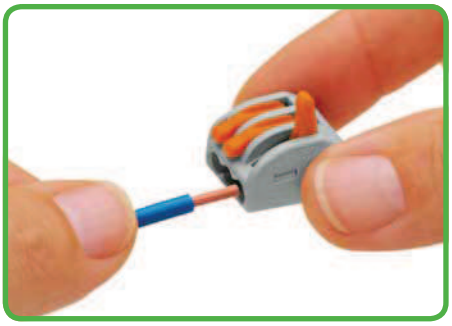
Color	Item No.	Pack. Unit
Mounting carrier ❸,		
for 2, 3 and 5-conductor compact splicing connectors		
orange	**222-500**	50 (5x10)
Strain relief plate ❹, for mounting carrier		
orange	**222-505**	50 (5x10)
Angled DIN-rail adapter ❺, for DIN 35-rail mounting		
gray	**222-510**	50 (5x10)
Self-adhesive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

Strip length

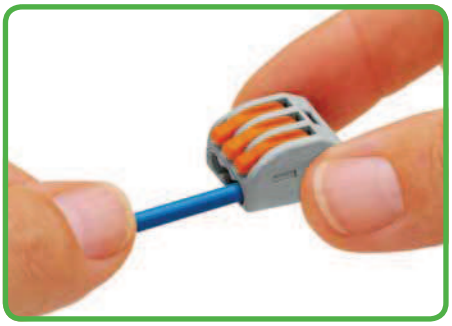


Strip conductor to 9 – 10 mm / 0.37 in.

CAGE CLAMP® COMPACT connection

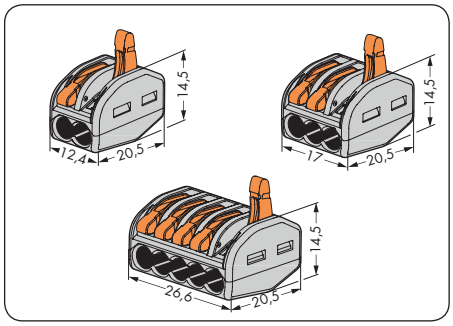


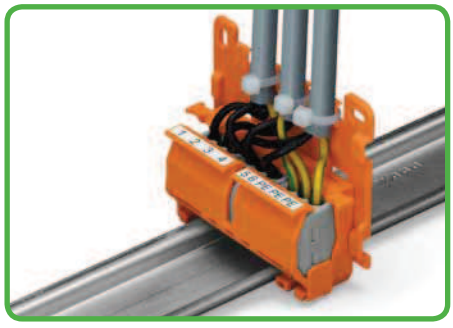
Conductor termination: Open clamping unit using the lever and insert conductor.



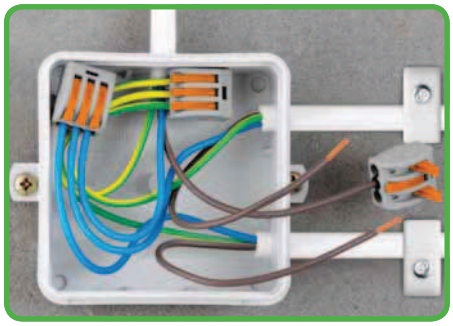
Then, lower lever to close the clamp.

Dimensions and Handling

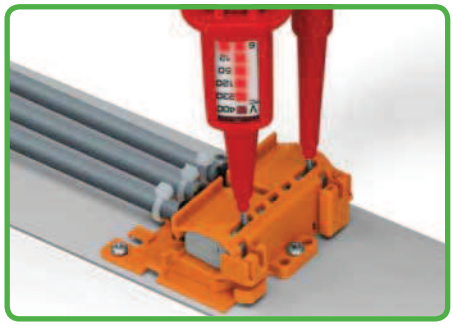




Vertical mounting with strain relief plate on DIN 35 rail.
Marking clamping units via marking strips.



Wiring fine-stranded conductors in a junction box.



Testing connectors via test slots on top of the carrier.

CAGE CLAMP® clamps the following copper conductors:



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

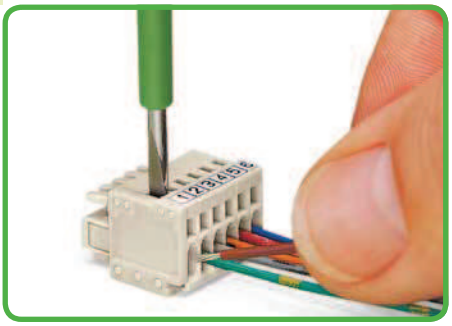
❷ With ferruled conductors, the max. conductor cross section accommodated is one size smaller than max. rating of terminal block.
For technical explanations and abbreviations, see technical section.

*In grounded power lines

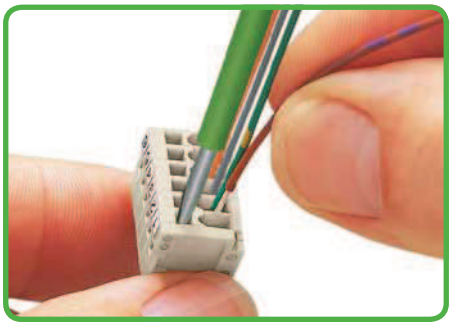
WAGO®

MULTI CONNECTION SYSTEM MICRO, MINI and MIDI
Description and Handling

CAGE CLAMP® connection

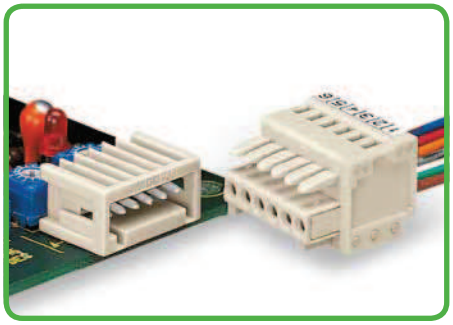


Inserting conductor via (2.5 x 0.4) mm screwdriver.
Operation perpendicular to conductor entry.



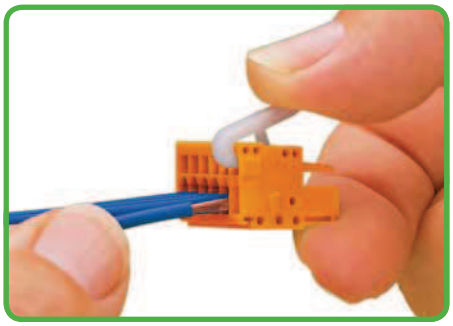
Inserting conductor via (2.5 x 0.4) mm screwdriver.
Operation parallel to conductor entry.

Protection against mismating

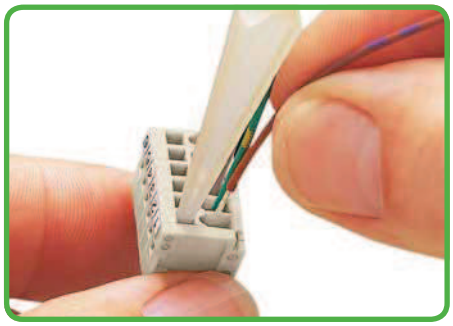


Male header and female connector – 100% protected against mismating.
Only mating halves with the same pole number can be connected together.

CAGE CLAMP® connection

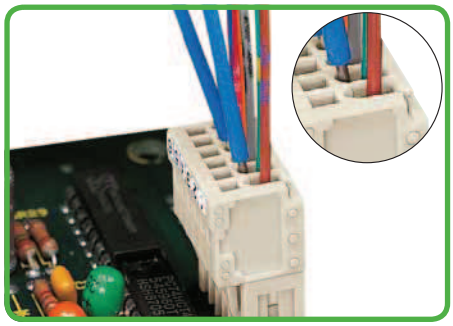


Inserting conductor via 734-230 operating lever.



Inserting conductor via 233-332 operating tool.
Operation parallel to conductor entry.

Testing

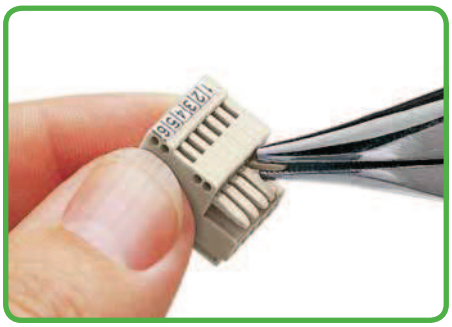


Testing with 1 mm Ø test probe, item no. 735-500, tip contact

Coding

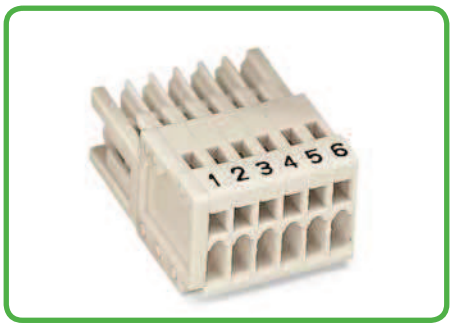


Coding a male header – fitting coding key(s).



Coding a female connector – removing coding finger(s).

Marking



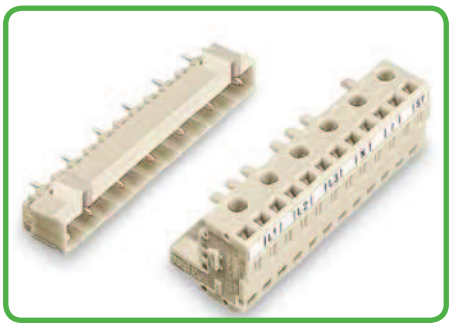
Marking by direct printing or using self-adhesive marker strips.

Insulation stop



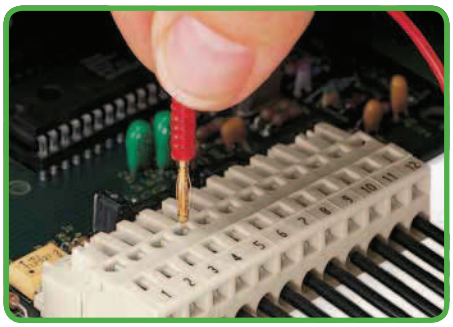
The insulation stop prevents the insulation of smaller conductors from being inserted into the clamping unit.

Pin spacing 10 mm/0.394 in



For 10 mm pin spacing, please contact factory.

Testing

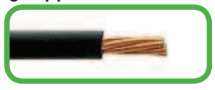


Testing with 2 mm or 2.3 mm Ø test plug.

CAGE CLAMP® clamps the following copper conductors:



solid



stranded



fine-stranded



tip-bonded



with ferrule

Strip length, see packaging or instructions.