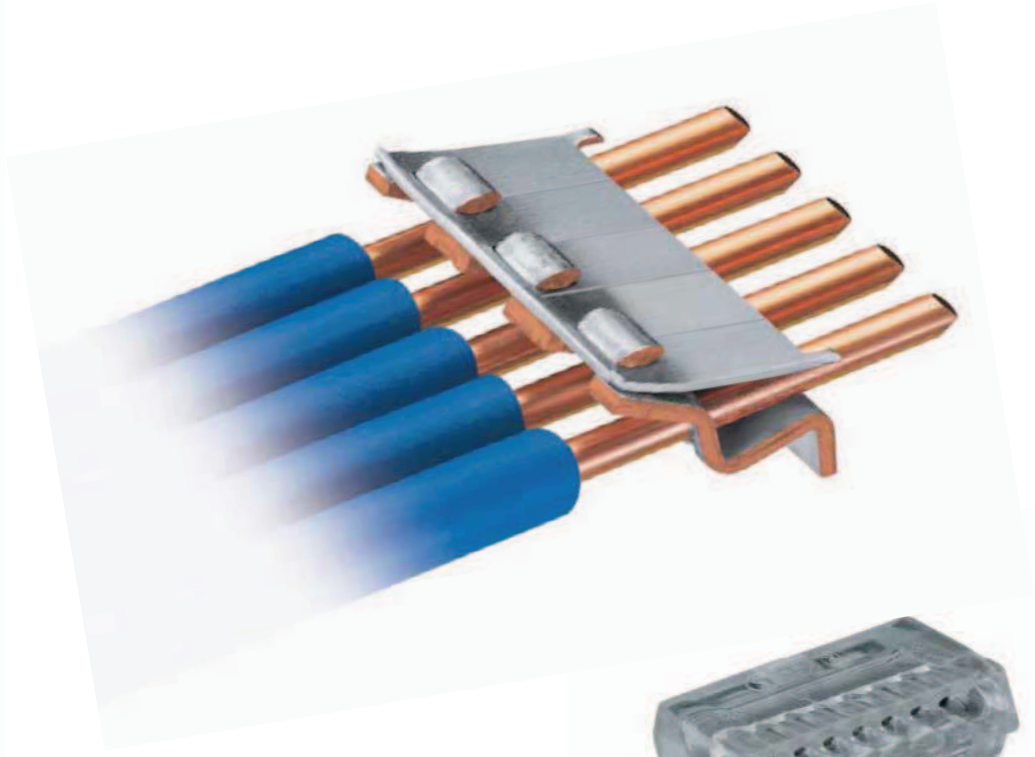
PUSH WIRE®

PUSH WIRE® connection for solid and stranded conductors (depending on model used)

Handling:
Tool-free, twist-free terminations for solid and rigid stranded conductors – simply push into unit.





12



Lighting Connectors
– 2.5 mm² / AWG 12 — 224 Series — 481

Luminaire Disconnect Connectors — 873 Series — 482 — 483



Power Supply Connectors
– 2.5 mm²/AWG 12 — 294 Series — 489 — 496



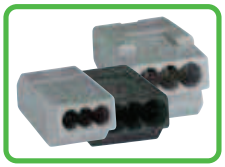
MICRO PUSH WIRE® Connectors for Junction Boxes
– 0.8 mm Ø / AWG 20 — 243 Series — 504 — 505

Mounting Carriers — 243 Series — 505



COMPACT PUSH WIRE® Connectors for Junction Boxes
– 2.5 mm²/AWG 14 — 2273 Series — 507

Mounting Carriers — 2273 Series — 507



PUSH WIRE® Connectors for Junction Boxes
– 1.5 mm² / 2.5 mm² and 4 mm² (AWG 16/12 and 10) — 273 Series — 510

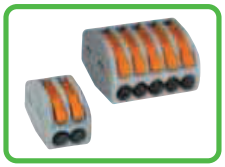
Mounting Carriers — 273 Series — 512



PUSH WIRE® Connectors for Junction Boxes
– 2.5 mm² and 6 mm² (AWG 12 and 10) — 773 Series — 514



Ex PUSH WIRE® Connectors for Junction Boxes
– 2.5 mm² and 6 mm² (AWG 12 and 10) — 773 Series — 516

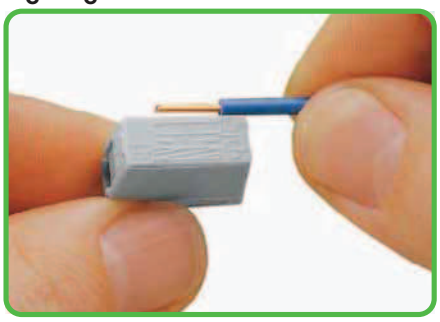


Compact Splicing Connectors
– 2.5 mm² / AWG 14 — 222 Series — 519
Mounting Carriers — 222 Series — 521

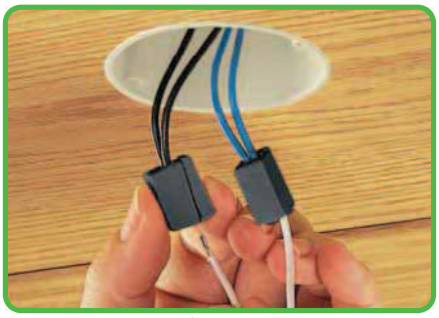
Lighting Connectors, 224 Series
– Description and Handling –

PUSH WIRE®
CAGE CLAMP®

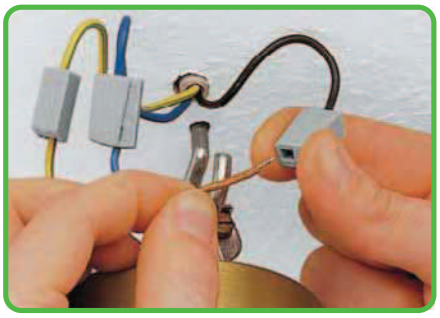
Lighting side



Strip conductor to 9 - 11 mm / 0.39 in.



To connect: Press button fully and insert stripped conductor into square entry until it hits backstop and release.



To remove: Press button and withdraw conductor.

CAGE CLAMP® clamps the following copper conductors: *



solid



stranded



fine-stranded, also with tinned single strands



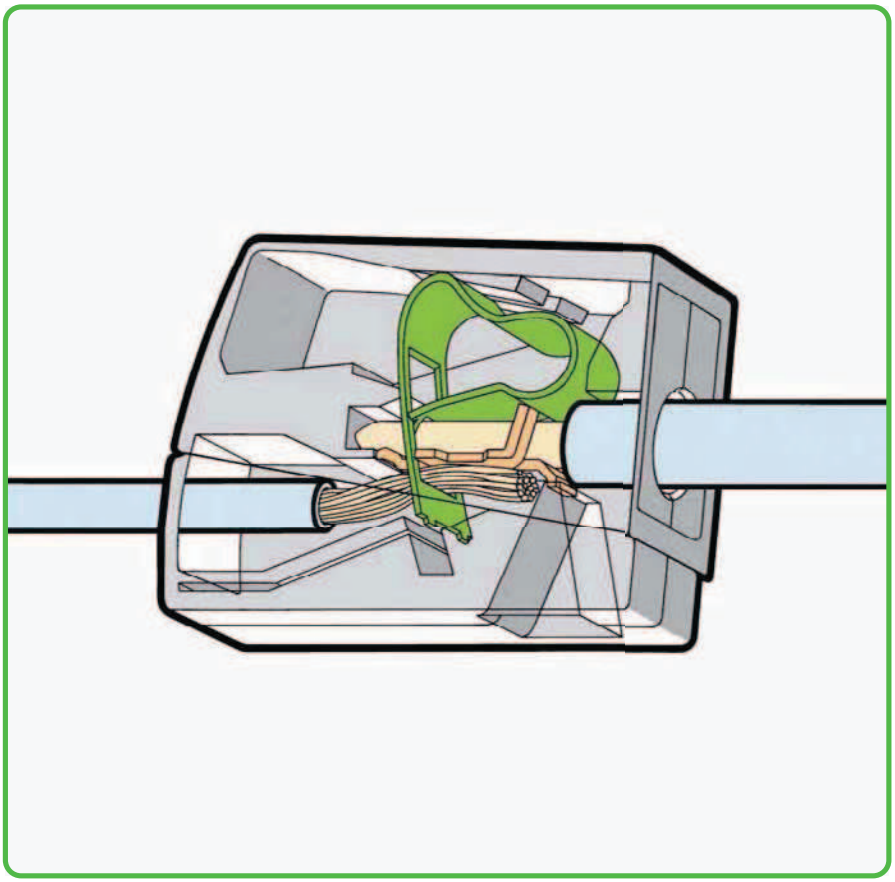
fine-stranded, tinned (up to 1.5 mm²/AWG 16)



fine-stranded, tip bonded



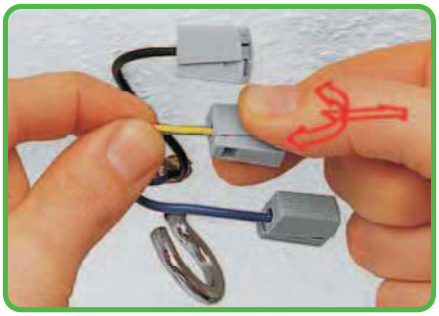
fine-stranded with ferrule (up to 1.5 mm²/AWG 16)



Installation side



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



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



Testing through separate test slot.



PUSH WIRE® clamps the following copper conductors:*

solid

*** Use contact paste "Alu-Plus" when connecting aluminum conductors Item No. 249-130**

Lighting and "Service" Connectors
224 Series

Installation side 1 - 2.5 mm² "s" | AWG 14 - 12 Lighting side 0.5 - 2.5 mm² "s+f-st" | AWG 20 - 16 400 V/4 kV/2; 24 A | 300 V, 20 A 9 - 11 mm / 0.39 in	Installation side 1 - 2.5 mm² "s" | AWG 14 - 12 Lighting side 0.5 - 2.5 mm² "s+f-st" | AWG 20 - 16 400 V/4 kV/2; 24 A | 300 V, 20 A 9 - 11 mm / 0.39 in	0.5 - 2.5 mm² "s+f-st" | AWG 20 - 16 400 V/4 kV/2 | 300 V, 20 A I_N 24 A 9 - 11 mm / 0.39 in







Color	Item No.	Pack. Unit
Lighting connector,		
standard version,		
continuous service temperature 105 °C		
gray	**224-101**	1000
Lighting connector,		
version for increased continuous service temperature of		
120 °C		
black	**224-104**	100

Color	Item No.	Pack. Unit
2-conductor lighting connector,		
standard version,		
continuous service temperature 105 °C		
white	**224-112**	1000
2-conductor lighting connector,		
version for increased continuous service temperature of		
120 °C		
black	**224-114**	100

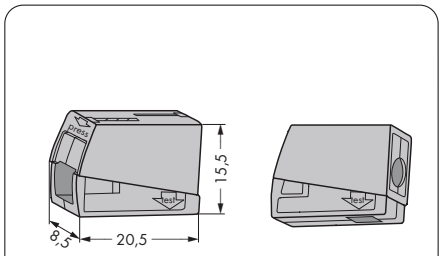
Color	Item No.	Pack. Unit
"Service" connector		
gray	**224-201**	50

224 Series Accessories

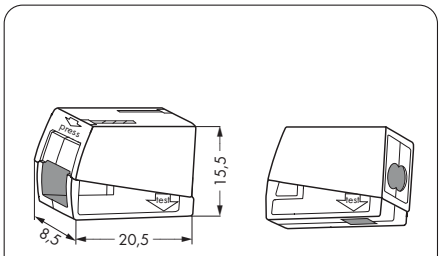
Syringe,



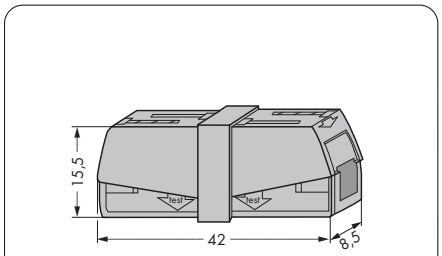
contents: 20 ml "Alu-Plus" contact paste
249-130 20 (4x5)



Dimensions in mm



Dimensions in mm



Dimensions in mm

For list of approvals and user guide, see pages 634 to 637.