ELECTRICAL INSTALLATION PRODUCTS
Splicing Connectors and Chassis Mount Terminal Blocks
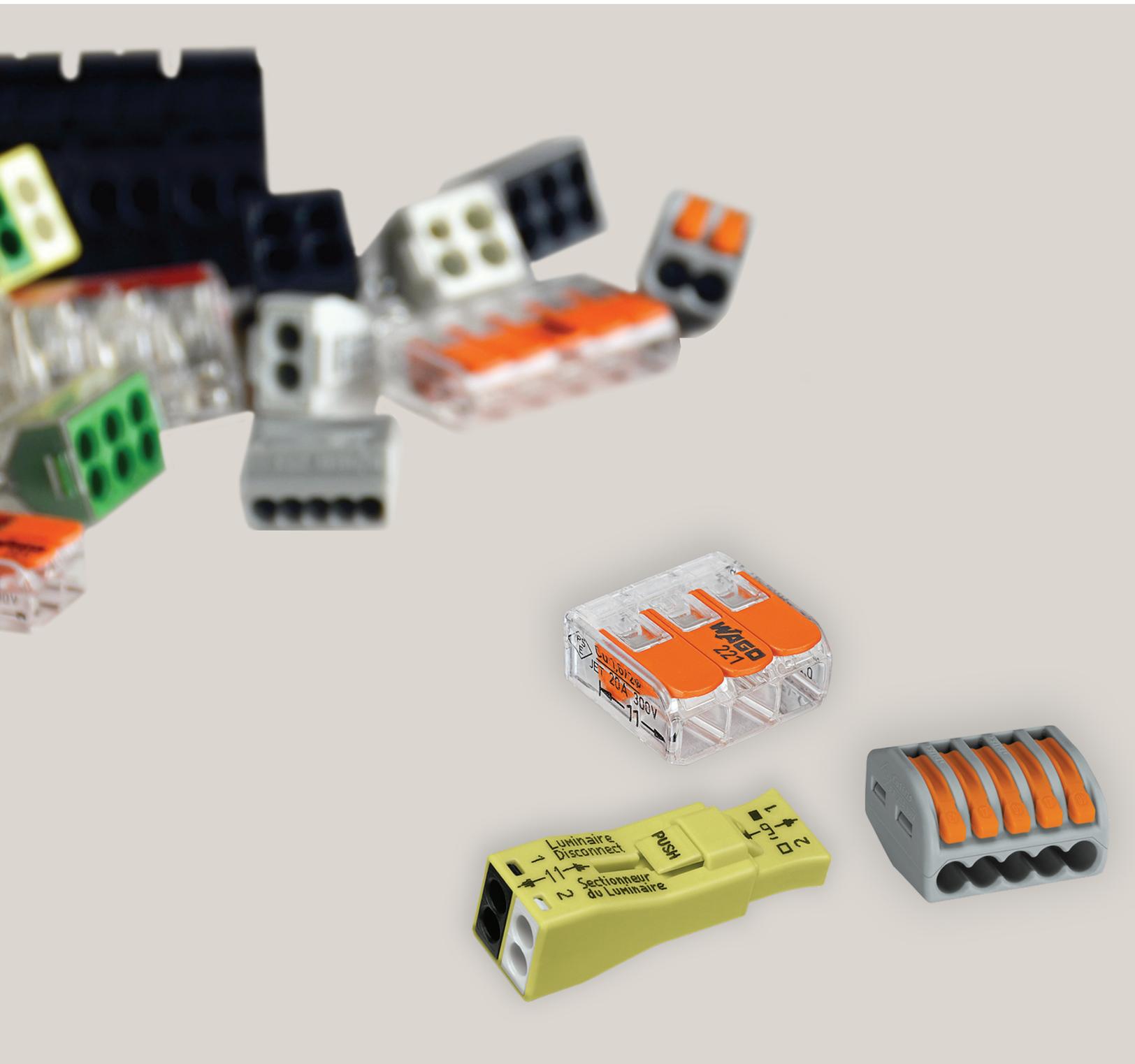
221 SERIES *LEVER-NUTS*®
The Next Generation of Compact Splicing Connectors

221 SERIES *LEVER-NUTS*®

The Difference is Clear:

- Connect any combination of solid, stranded and flexible copper wires faster and more reliably
- Minimize space consumption in the junction box – by 40% compared to 222 Series
- Visually inspect for proper strip length and complete wire insertion through its transparent housing
- Operate comfortably and with lower operating forces by using familiar orange levers

Electrical Data	
Rated voltage	600 V (1000 V signs & fixtures)
Nominal current	20 A
Wire Size	
Solid conductor	24 - 12 AWG
Stranded conductor	24 - 12 AWG
Flexible conductor	24 - 12 AWG
Strip length	11 mm / 0.43 in.
Maximum operating temperature	105 ºC
Approvals	c UL us LISTED Splicing wire connector 667 F EK 05 PSE ABS

Dual integrated test ports allow for easy testing of connection integrity

# COMPACT SPLICING CONNECTORS FOR ALL WIRE TYPES

8.3 mm
18.6 mm
13.1 mm

☐▱ 11 mm / 0.43 in.

8.3 mm
18.6 mm
18.7 mm

☐▱ 11 mm / 0.43 in.

8.3 mm
18.6 mm
29.9 mm
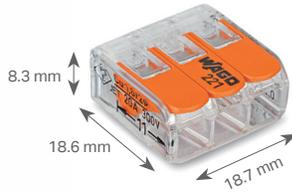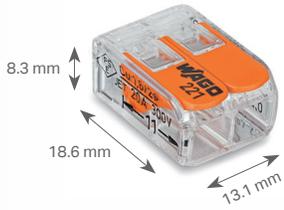
☐▱ 11 mm / 0.43 in.

2-conductor connector Transparent		3-conductor connector Transparent		5-conductor connector Transparent	
Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
221-412	1=box of 100 pcs	221-413	1=box of 50 pcs	221-415	1=box of 25 pcs
221-412/VE00-2500	2500 (bulk)	221-413/VE00-2500	2500 (bulk)	221-415/VE00-1000	1000 (bulk)

Operating tool for 221 Series	
Item No.	Pack.-unit pcs
210-102	1

Two Test Slots

Wire Inserted Properly

Wire Stripped Properly
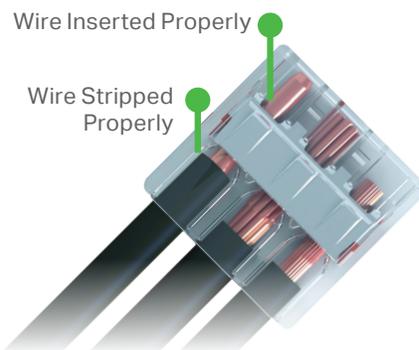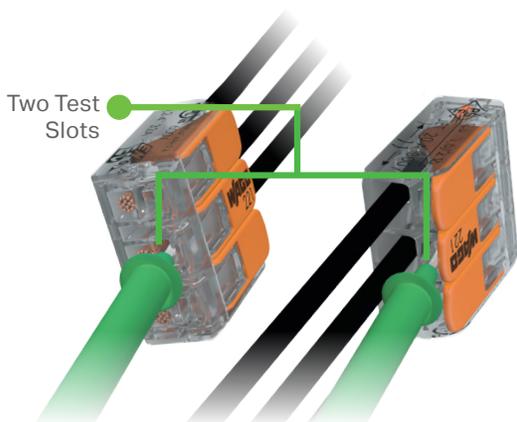
Easily combine various types and sizes of wires
- AWG 24 - 12 solid, stranded, flexible
- 0.14 - 4 mm² "f-st"
- 0.2 - 4 mm² "s+st"
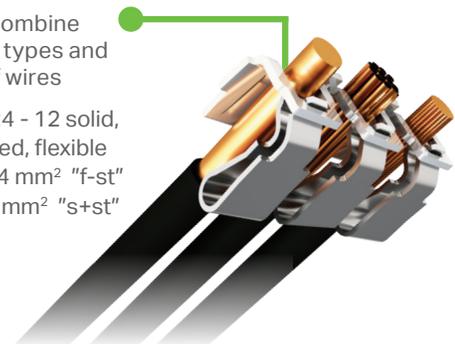
222 SERIES *LEVER-NUTS*®

The Original Lever-Operated Splicing Connector
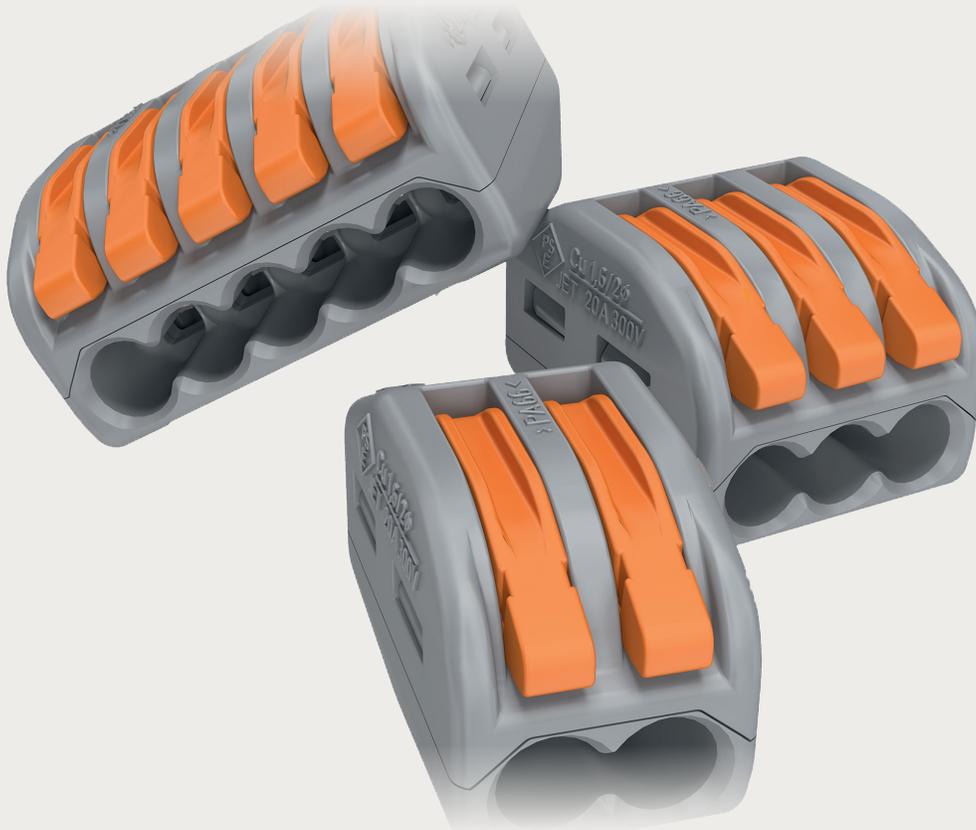
222 SERIES *LEVER-NUTS*®

For all connections requiring:

- Stranded/solid wires
- Wide range of wire sizes
- Combination of different wire sizes and types in one connector
- Built-in test point
- Low installed cost and safe operation
- Maintenance-free connection
- A reusable connector

Electrical Data	
Rated voltage	600 V (1000 V signs & fixtures)
Nominal current	20 A
Wire Size	
Solid conductor	28 - 12 AWG
Stranded conductor	28 - 12 AWG
Flexible conductor	28 - 12 AWG
Strip length	9 ... 10 mm / 0.37 in.
Maximum operating temperature	105 ºC
Approvals	c(UL)us LISTED Splicing wire connector 667 F (UL) LISTED Grounding Equip. 64KA EN 15 PSE ABS®

Integrated test port allows for easy testing of connection integrity

CLASSIC SPLICING CONNECTORS FOR ALL WIRE TYPES

14.5 mm
20.5 mm
12.4 mm
9 ... 10 mm / 0.37 in.

14.5 mm
20.5 mm
17 mm
9 ... 10 mm / 0.37 in.
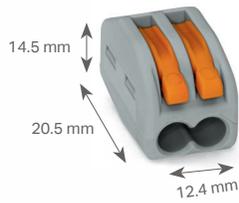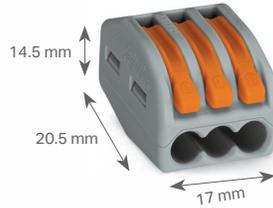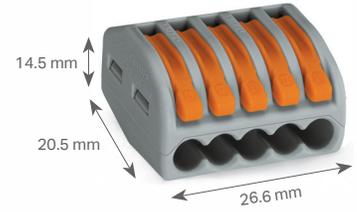
14.5 mm
20.5 mm
26.6 mm
9 ... 10 mm / 0.37 in.

| 2-conductor connector Gray		3-conductor connector Gray		5-conductor connector Gray	
Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
222-412	1=box of 50 pcs	222-413	1=box of 50 pcs	222-415	1=box of 40 pcs
222-412/PW05-0005	1=blister of 5 pcs	222-413/PW05-0005	1=blister of 5 pcs	222-415/PW05-0005	1=blister of 5 pcs
222-412/PW05-350	1=jar of 350 pcs	222-413/PW05-250	1=jar of 250 pcs	222-415/PW05-150	1=jar of 150 pcs
222-412/VE00-2500	2,500 (bulk)	222-413/VE00-2500	2,500 (bulk)	222-415/VE00-1000	1,000 (bulk)

| Operating tool for 222 Series	
Item No.	Pack.-unit pcs
210-101	1
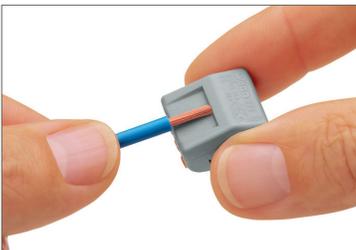
1) Strip wire
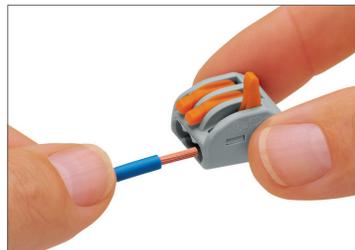
2) Push up lever
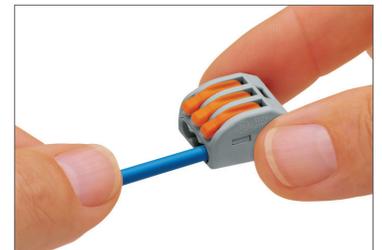
3) Insert conductor and push down lever. Repeat as necessary.

ACCESSORIES
For 221 and 222 Series
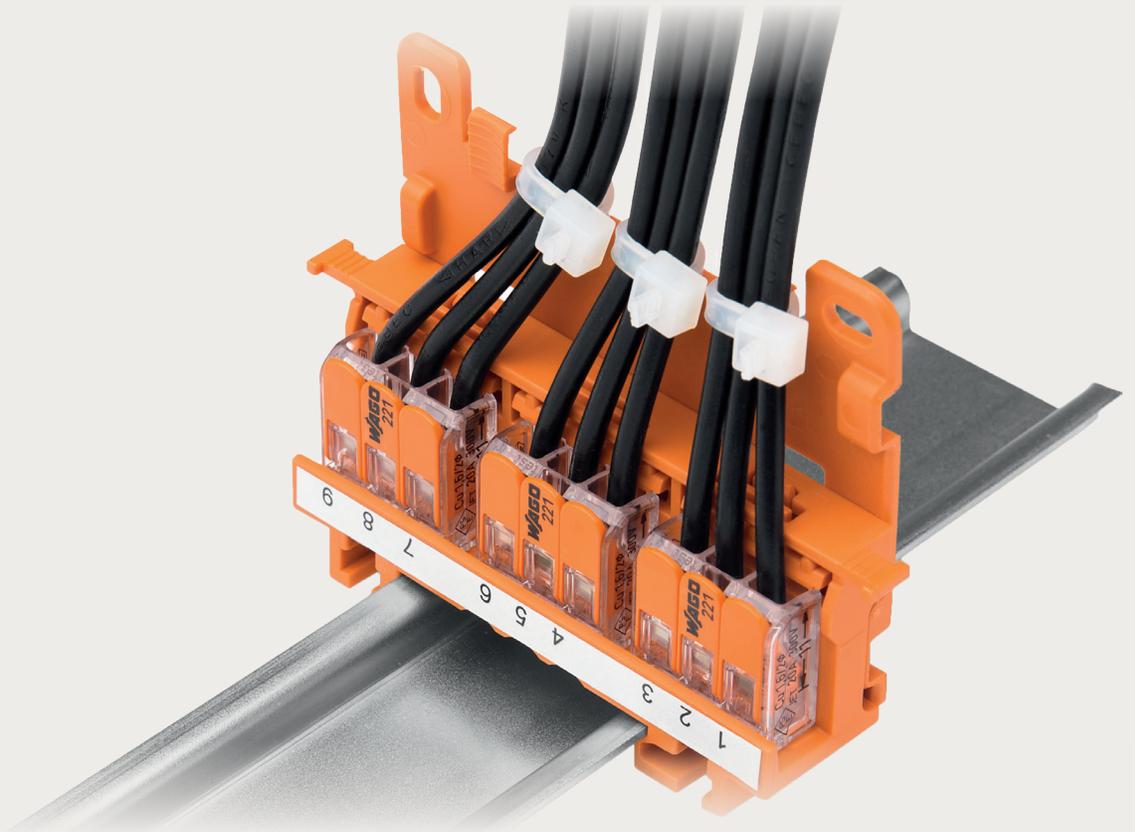
LEVER-NUTS® CAN DO MORE

Mounting accessories convert these connectors into terminal block solutions:

- Mounting flexibility includes horizontal or vertical; snap to DIN-rail or screw-mount to flat surface
- Multiple cable tie locations
- Marking surfaces available for circuit identification

ASSEMBLY
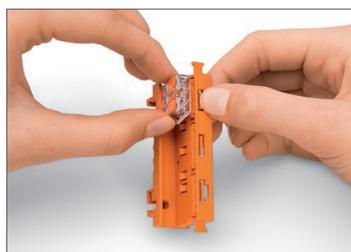
221: Inserting or removing connector from mounting carrier

222: Inserting or removing connector from the end of the carrier, securing with snap lock

Mounting of strain relief plate to the mounting carrier
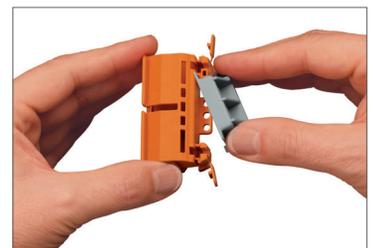
Snapping the universal right angled adapter on the mounting carrier

MOUNTING CARRIERS FOR *LEVER-NUTS*®
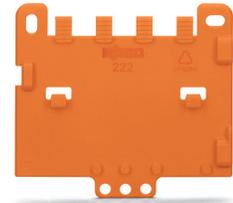
| Mounting carrier for 221 Series		Mounting carrier for 222 Series		Strain relief plate for 221 and 222 Series mounting carriers	
Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
● 221-500	10	● 222-500	10	● 222-505	10

Universal right angled adapter for 221 and 222 Series, in combination with mounting carriers for horizontal mounting on DIN 35 rail	
Item No.	Pack.-unit pcs
● 222-510	10

MOUNTING

Vertical mounting on DIN 35 rail with wire ties providing strain relief

Mounting carrier with strain relief plate mounted vertically on flat surface

Vertical mounting with strain relief plate on DIN 35 rail. Wiring locations identified by marker strips (210-334)
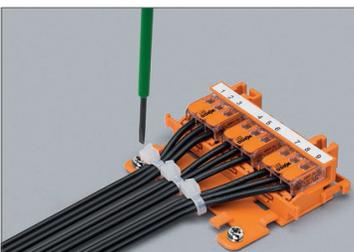
Horizontal mounting with strain relief plate on flat surface. Wiring locations identified using marker strips (210-334)


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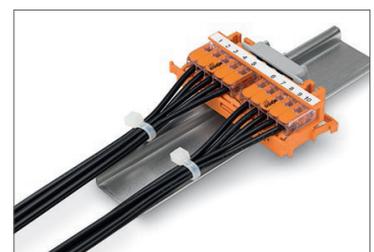
Horizontal mounting on DIN 35 rail using angled DIN-rail adapter

773 SERIES WALL-NUTS®
PUSHWIRE® Connectors for Junction Boxes

773 SERIES WALL-NUTS®

Highlights:

- PUSHWIRE connection of solid and rigid-stranded wire
- Save up to 50% in wiring time over twist-type connectors
- Transparent housing for visual inspection of complete insertion
- Color-coded for quick identification
- Versions for 10 AWG, high temp, and hazardous locations

Electrical Data	
Rated voltage	600 V (1000 V signs & fixtures)
Nominal current	20 A
3-conductor only	30 A
Wire Size	
Solid conductor	18 - 12 AWG
Stranded conductor (≤ 19 strands)	16 - 12 AWG
Stranded tin-bonded	22 - 16 AWG
Solid and stranded (3-conductor only)	14 - 10 AWG
Strip length	10 ... 13 mm / 0.45 in.
3-conductor only	12 ... 13 mm / 0.49 in.
Maximum operating temperature	105 ºC
Approvals	UL LISTED Splicing wire connector 667 F UL LISTED Grounding Equip. 64KA CSA ABS®

773 SERIES WALL-NUTS®

13.1 mm
19.5 mm
9.2 mm

10 … 13 mm / 0.45 in.

13.1 mm
19.5 mm
13 mm

10 … 13 mm / 0.45 in.

13.1 mm
19.5 mm
18.8 mm

10 … 13 mm / 0.45 in.

2-conductor connector Trasparent housing, yellow face		4-conductor connector Transparent housing, orange face		6-conductor connector Transparent housing, black face	
Item No.	**Pack.-unit pcs**	**Item No.**	**Pack.-unit pcs**	**Item No.**	**Pack.-unit pcs**
773-162	1=box of 100 pcs	773-164	1=box of 100 pcs	773-166	1=box of 50 pcs
773-162/PW25-0010	1=blister of 10 pcs	773-164/PW25-0010	1=blister of 10 pcs	773-166/PW25-0010	1=blister of 10 pcs
773-102/PW05-650	1=jar of 650 pcs	773-104/PW05-400	1=jar of 400 pcs	773-106/PW00-250	1=jar of 250 pcs
773-102/VE00-0500	500 (bulk)	773-104/VE00-0500	500 (bulk)	773-166/VE00-0500	500 (bulk)
773-102/VE00-2500	2,500 (bulk)	773-104/VE00-2500	2,500 (bulk)	773-166/VE00-2500	2,500 (bulk)
773-112 (for grounding)	1=box of 100 pcs	773-114 (for grounding)	1=box of 100 pcs	773-116 (for grounding)	1=box of 50 pcs

13.1 mm
19.5 mm
24 mm

10 … 13 mm / 0.45 in.

14.2 mm
20.1 mm
25.6 mm

12 … 13 mm / 0.49 in.

18 AWG "str."
13.1 mm
19.5 mm
13 mm
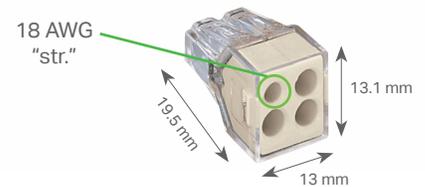
10 … 13 mm / 0.45 in.

8-conductor connector Transparent housing, dark gray face		3- conductor connector for 10 AWG Transparent housing, red face		4-conductor connector with special port for 18 AWG stranded wire Transparent housing, light gray face	
Item No.	**Pack.-unit pcs**	**Item No.**	**Pack.-unit pcs**	**Item No.**	**Pack.-unit pcs**
773-168	1=box of 50 pcs	773-173	1=box of 50 pcs	773-124	1=box of 100 pcs
773-168/PW25-0010	1=blister of 10 pcs	773-173/PW25-0005	1=blister of 5 pcs	773-124/VE01-0000	2,500 (bulk)
773-108/VE00-2500	2,500 (bulk)	773-173/PW05-200	1=jar of 200 pcs		
773-118 (for grounding)	1=box of 50 pcs	773-173/VE00-0500	500 (bulk)		
		773-173/VE00-2500	2,500 (bulk)		

13.1 mm
19.5 mm
13 mm

10 … 13 mm / 0.45 in.

4-conductor connector for high temperature applications up to 150 ºC Black housing, black face	
Item No.	**Pack.-unit pcs**
773-514	50

773 SERIES WALL-NUTS®
For Ex e Applications

13.1 mm
19.1 mm
9 mm
10 ... 13 mm / 0.45 in.

13.1 mm
19.1 mm
13 mm
10 ... 13 mm / 0.45 in.
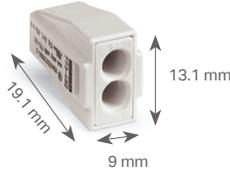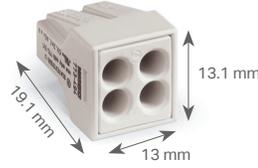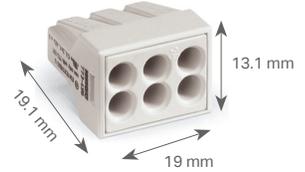
13.1 mm
19.1 mm
19 mm
10 ... 13 mm / 0.45 in.

2-conductor pushwire connector		4-conductor pushwire connector		6-conductor connector	
Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
○ 773-492 ⓔ	100	○ 773-494 ⓔ	100	○ 773-496 ⓔ	100

13.1 mm
19.1 mm
24 mm
10 ... 13 mm / 0.45 in.

14.2 mm
20.1 mm
25.6 mm
12 ... 13 mm / 0.49 in.

8-conductor pushwire connector		3-conductor pushwire connector for 10 AWG	
Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
○ 773-498 ⓔ	100	○ 773-493 ⓔ	50

Highlights:

• Compact design allows a high concentration of more connectors in an Ex-junction box or Ex-terminal box resulting in space-savings and cost-effective installation solutions
• Easy wiring provides time-saving installation
• Resistance to vibration (shock-proof)
• Built-in test slot for easy troubleshooting
• Maintenance-free connection

Electrical Data	
Rated voltage	550 V
Nominal current	24 A
3-conductor only	42 A
Wire Size	
Solid conductor	18 - 12 AWG
Stranded conductor (≤ 19 strands)	16 - 12 AWG
Stranded tin-bonded	22 - 16 AWG
Solid and stranded (3-conductor only)	14 - 10 AWG
Strip length	10 ... 13 mm / 0.45 in.
3-conductor only	12 ... 13 mm / 0.49 in.
Maximum operating temperature	105 ºC
Approvals	⟨Ex⟩ c ⓊⓁ us LISTED Splicing wire connector 667 F ⓈⒶ

MOUNTING CARRIERS FOR WALL-NUTS®
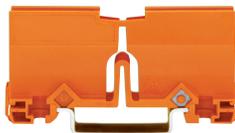
Mounting carrier for Ex e applications light gray		Mounting carrier for pushwire connectors orange	
Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
○ 773-331 ⬡	10	● 773-332	10

ASSEMBLY

Simple insertion of 773 into carrier - no tools required

End stops are locked in place to secure the connectors

Mounting carrier with connectors snaps on DIN RAIL

Removal of carrier from DIN RAIL
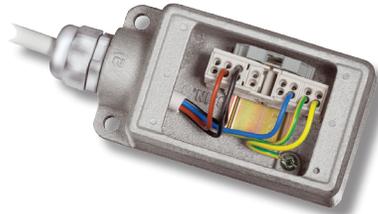
For hazardous applications, this 773 Series MUST be used in conjunction with the mounting carrier specified on this page (item number 773-331).

Certification according to ATEX / UL Ex is based upon the use of the entire system (connector and mounting carrier).

224 SERIES INLINE CONNECTORS
PUSHWIRE® and Squeeze-to-Open
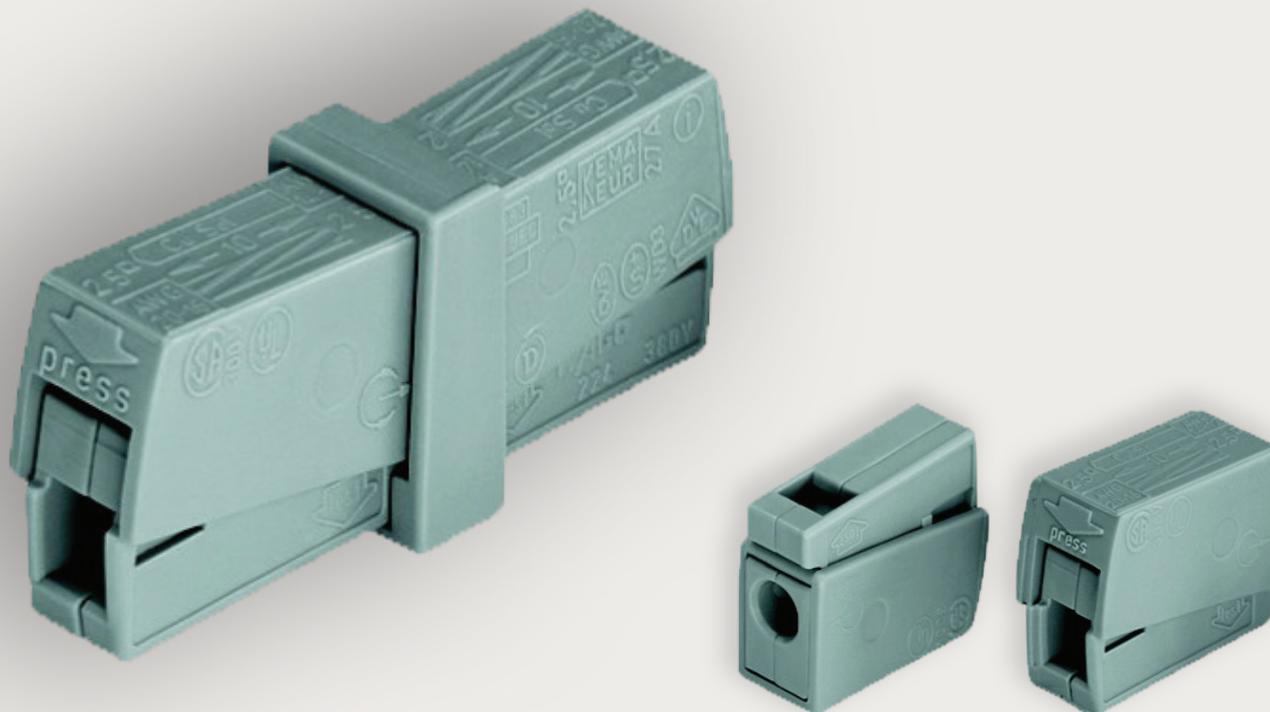
224 SERIES

Highlights:

- Connect solid line-side wire with flexible or stranded load-side wire (eg. ceiling fan or light fixture)
- Pushwire connect to line side; squeeze to connect load side
- Daisy chain power with 2-conductor line-side versions
- Perfect for use in ceiling fan or fixture installations

Electrical Data		
Rated voltage	300 V	
Nominal current	20 A	
Wire Size	**Line Side**	**Load Side**
224-101/224-104	14 - 12 AWG sol	20 - 16 AWG sol / str / flx
224-112/224-114	2x 16 - 14 AWG sol	20 - 16 AWG sol / str / flx
224-201	20 - 16 AWG sol / str / flx (line and load side)	
Strip length	9 … 11 mm / 0.39 in.	
Maximum operating temp.	105 ºC (120 ºC)	
Approvals		

UL LISTED
Splicing wire connector 667 F   CSA   DVE   KEMA KEUR   ABS

- The perfect in-line connector for solid-to-flexible wire
- Also with dual squeeze-to-open version for flexible-to-flexible wire
- Tool-free connection

224 SERIES INLINE CONNECTORS

15.5 mm

8.5 mm

20.5 mm

15.5 mm

9.5 mm

20.5 mm

15.5 mm

8.5 mm

42 mm

15.5 mm

8.5 mm

20.5 mm

15.5 mm

9.5 mm

20.5 mm
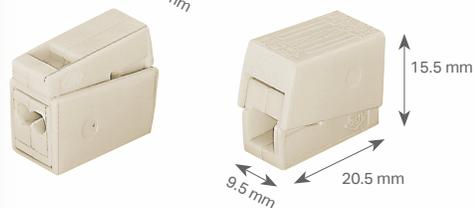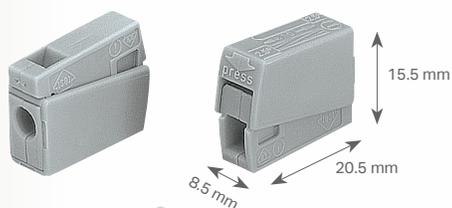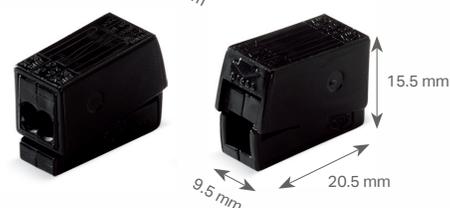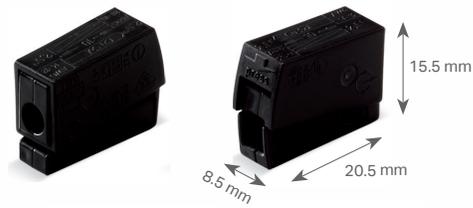
9 ... 11 mm / 0.39 in.   9 ... 11 mm / 0.39 in.   9 ... 11 mm / 0.39 in.

| Inline connector with PUSHWIRE and squeeze-to-open connection		Dual squeeze-to-open connector accepts flexible wire on both sides		Inline connector for increased operating temperature of 120 °C	
Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
⬤ 224-101	100	⬤ 224-201	50	⬤ 224-104	100
◯ 224-112 (daisy chain)	100			⬤ 224-114 (daisy chain)	100

LINE SIDE

Connection:
Insert stripped solid conductor into circular entry and push to stop
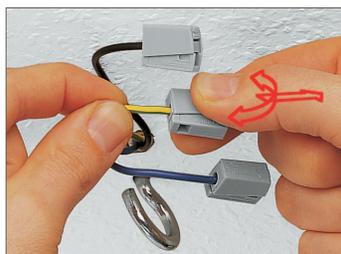
Removal:
Hold wire to be removed and twist and pull the conductor

LOAD SIDE
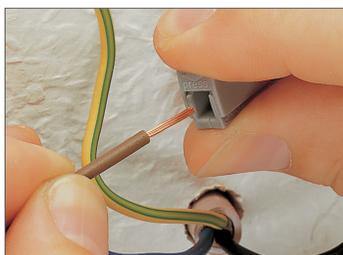
Connection:
Squeeze connector housing and insert stripped conductor into square entry, then release
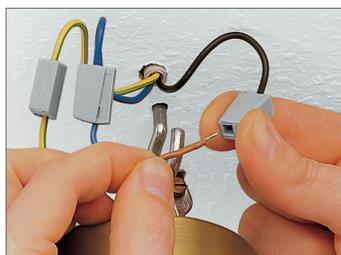
Removal:
Squeeze connector housing and withdraw conductor

243 SERIES
MICRO PUSHWIRE® Connectors for Junction Boxes

243 SERIES

Highlights:

• Common up to eight small, solid wires quickly and conveniently
• Gang multiple connectors together with their dovetail features
• Test the circuit through the front-facing test port
• Differentiate circuits with multiple color options

| Electrical Data	
Rated voltage	150 V
Nominal current	7 A
Wire Size	
Solid conductor	22 - 18 AWG
Strip length	5 … 6 mm / 0.22 in.
Maximum operating temperature	105 ºC
Approvals	

MICRO PUSHWIRE® CONNECTORS FOR JUNCTION BOXES

5.8 mm
10 mm
10 mm

5.8 mm
10 mm
18.4 mm
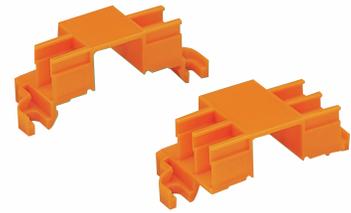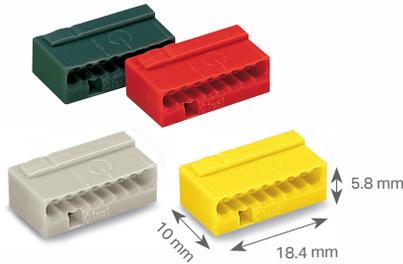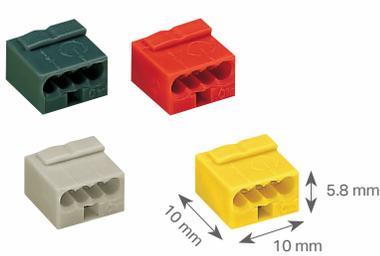
5 … 6 mm / 0.22 in.

5 … 6 mm / 0.22 in.

| 4-conductor connector		8-conductor connector		Mounting carrier for DIN-rail or flat surface mounting	
Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
243-204	100	243-208	50	243-112 (4 connectors)	10
243-804	100	243-808	50	243-113 (6 connectors)	10
243-304	100	243-308	50		
243-504	100	243-508	50		

Assemble modular connectors into ganged connector strips
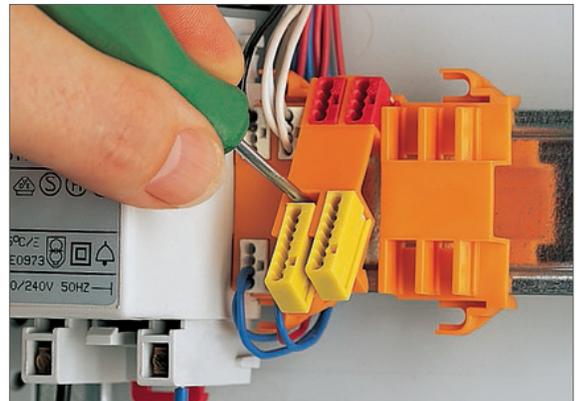
Removing mounting carrier from DIN-rail assembly

873 SERIES LUMI-NUTS®
PUSHWIRE® Connector for Luminaire Disconnect
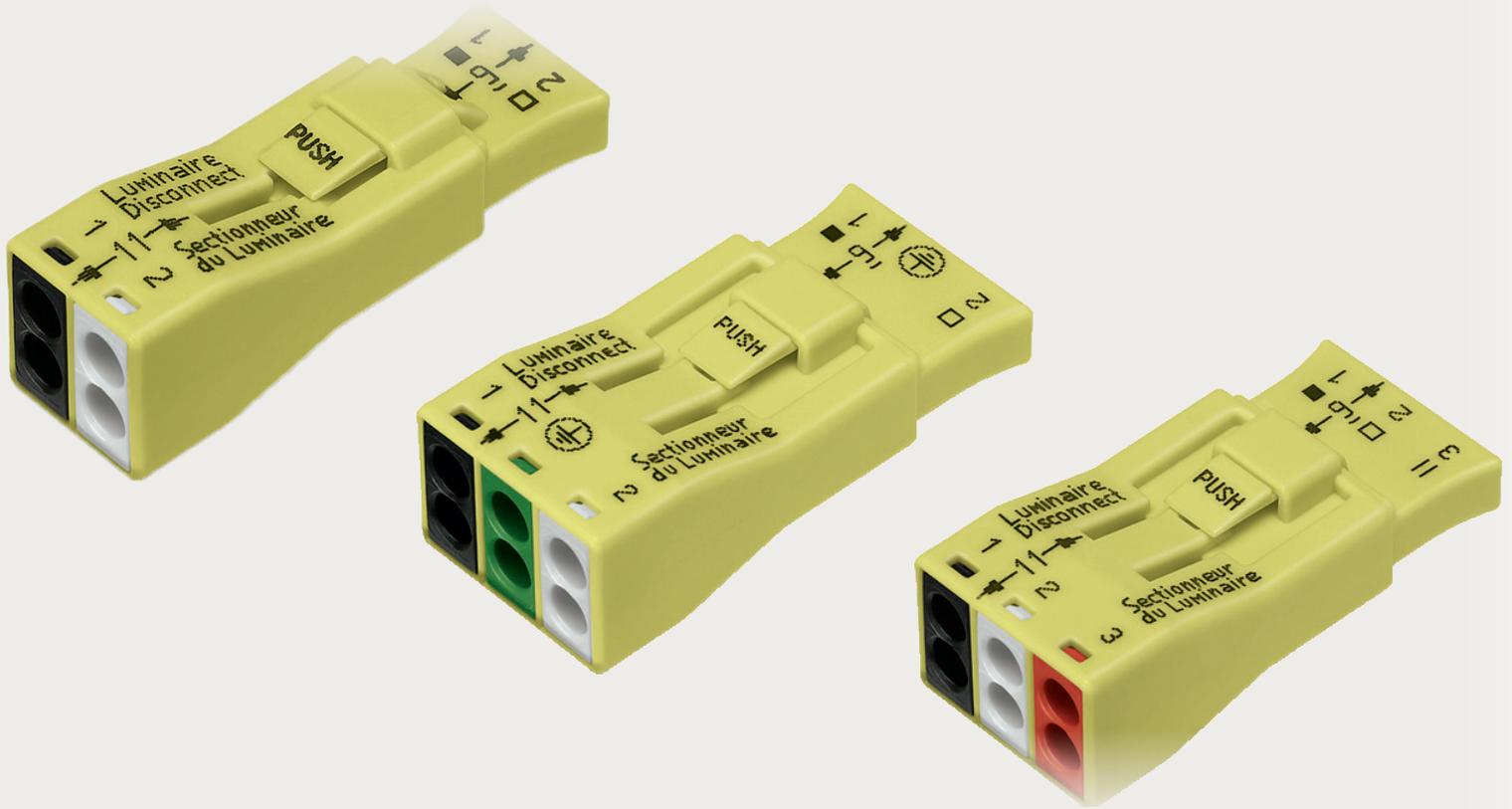
873 SERIES LUMI-NUTS®

Highlights:

- Molded in color coding for circuit wiring
- 2 connections per pole on male side for daisy chaining
- 20 A current capacity to support multiple fixture loads
- 2-piece contact construction featuring high grade stainless steel spring (for contact force) and electrolytic copper current bar (for electrical integrity)
- Integrated locking latch - automatic locking with mating of connectors - simple push down to disengage
- UL94V-0 flame retardant rated housing

Electrical Data	Male (plug)	Female (socket)
Rated voltage	600 V	600 V
Nominal current	20 A	6 A
Wire Size		
Solid conductor	18 - 12 AWG	18 AWG
Stranded conductor (≤19 strands)	16 - 12 AWG	
Strip length	11 ... 13 mm / 0.47 in.	9 ... 11 mm / 0.47 in.
Maximum operating temperature		105 ºC
Approvals		c(UL)us LISTED Luminaire Disconnect 3NLY CSA KEMA KEUR

873 SERIES LUMI-NUTS®

Fits through
1/2" knockout

13.2 mm

42 mm

13 mm

9 ... 11 mm / 0.39 in.   11 ... 13 mm / 0.47 in.

13.2 mm

42 mm

19 mm

9 ... 11 mm / 0.39 in.   11 ... 13 mm / 0.47 in.

13.2 mm

42 mm

19 mm
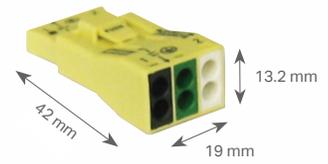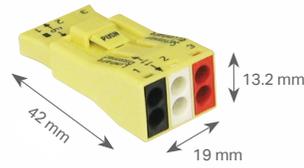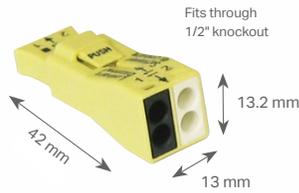
9 ... 11 mm / 0.39 in.   11 ... 13 mm / 0.47 in.

2-pole connector		3-pole connector for switching and dimming applications		3-pole connector with "make first/break last" ground circuit	
Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
873-902	1=box of 25 pcs	873-903	1=box of 20 pcs	873-953/VE00-0500	500 (bulk)
873-902/PW05-200	1=jar of 200 pcs	873-903/PW05-100	1=jar of 100 pcs		
873-902/VE00-0500	500 (bulk)	873-903/VE00-0500	500 (bulk)		
873-902/VE00-5000	2,500 (bulk)				
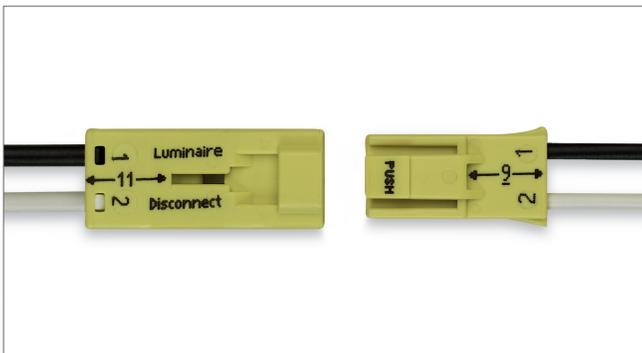
Luminaire disconnect 873-902 (2-pole) in disconnected state.
Both plug and socket are touch-proof. Marking details include
circuit identification and strip length indication

APPLICATION NOTE

Touch-proof, 'hot-pluggable' connectors are required
for ballast supply wiring in the USA and Canada. When
exchanging a ballast:
1) The touch-proof connector is disconnected first
2) The ballast is replaced
3) Power connection is restored by plugging the connection
back together. This speeds ballast replacement while
enhancing safety by protecting the installer from electrical
shock.

873 Series LUMI-NUTS® are approved according to UL2459
and CSA 22.2 for this type of application.

# 862 SERIES
Terminal Blocks for Chassis Mounting
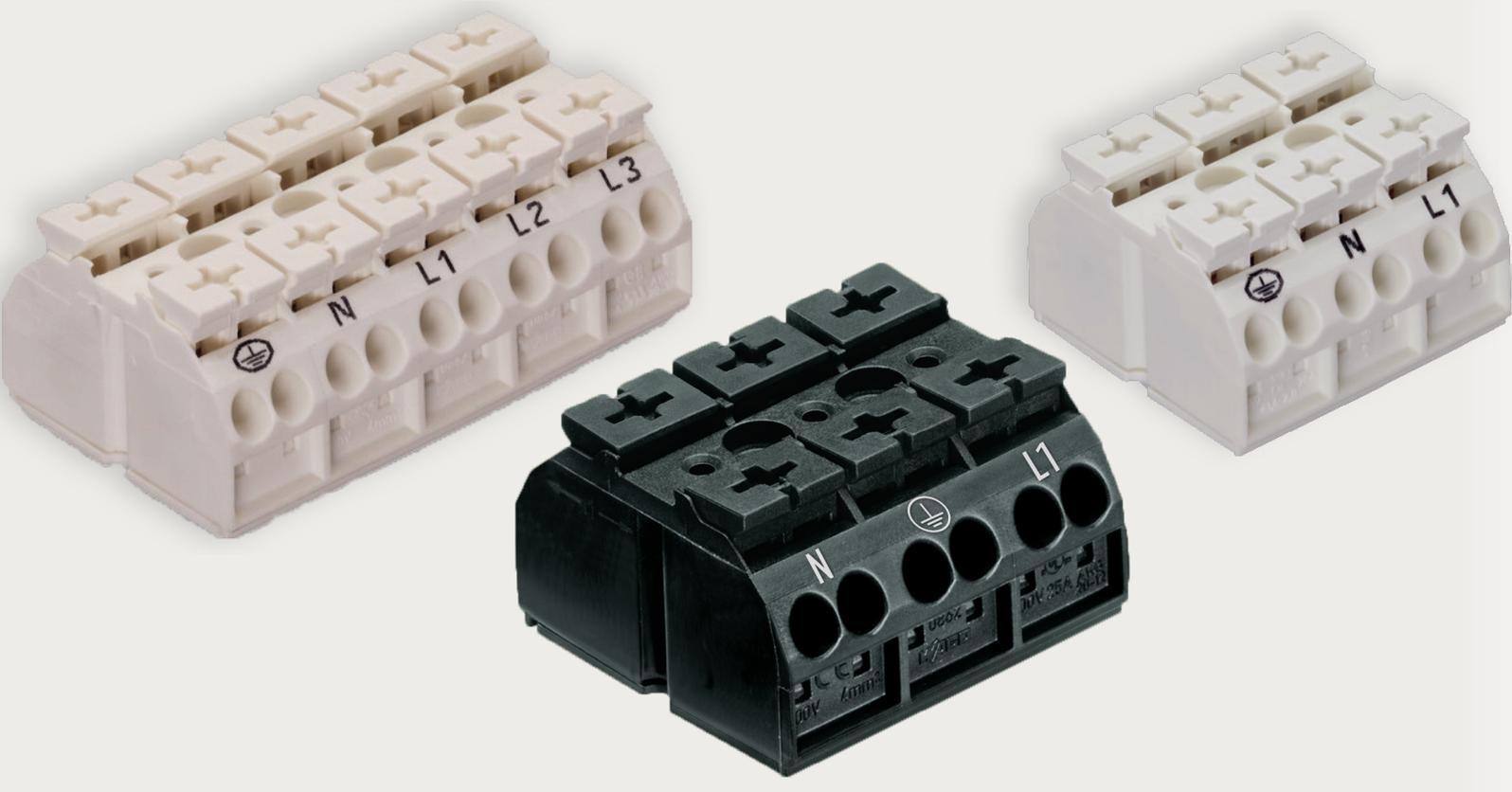
862 SERIES

Highlights:

- Integrated push button, with molded-in slots, accommodates fast and easy wiring of all conductor types - by hand or slotted tip/Phillips screwdriver
- 4 conductors/pole allows for flexible wiring or convenient jumpering
- Convenient automatic grounding contact available
- Snap-in mounting feet for fast assembly
- Flexible marking options: standard marking (pre-marked), marker strip or custom marked for large quantity orders
- Built-in test points simplify testing with 2 mm/0.079 in. diameter test plug

Electrical Data			
Rated voltage	300 V	600 V	600 V
Nominal current	20 A	5 A	20 A
Wire Size			
Solid / stranded conductor	22 - 12 AWG		
Solid / stranded conductor	20 - 12 AWG		
Strip length	10 ... 11 mm / 0.41 in.		
Maximum operating temperature	120 ºC		
Approvals			

* Ex versions available - contact factory for part numbers.

MOUNTING OPTIONS

Mount via screw and nut (3mm Ø) from top

Mount from below via self tapping screw (2.9mm Ø) into terminal housing

Mount onto chassis by self tapping screw (2.9mm Ø) from top
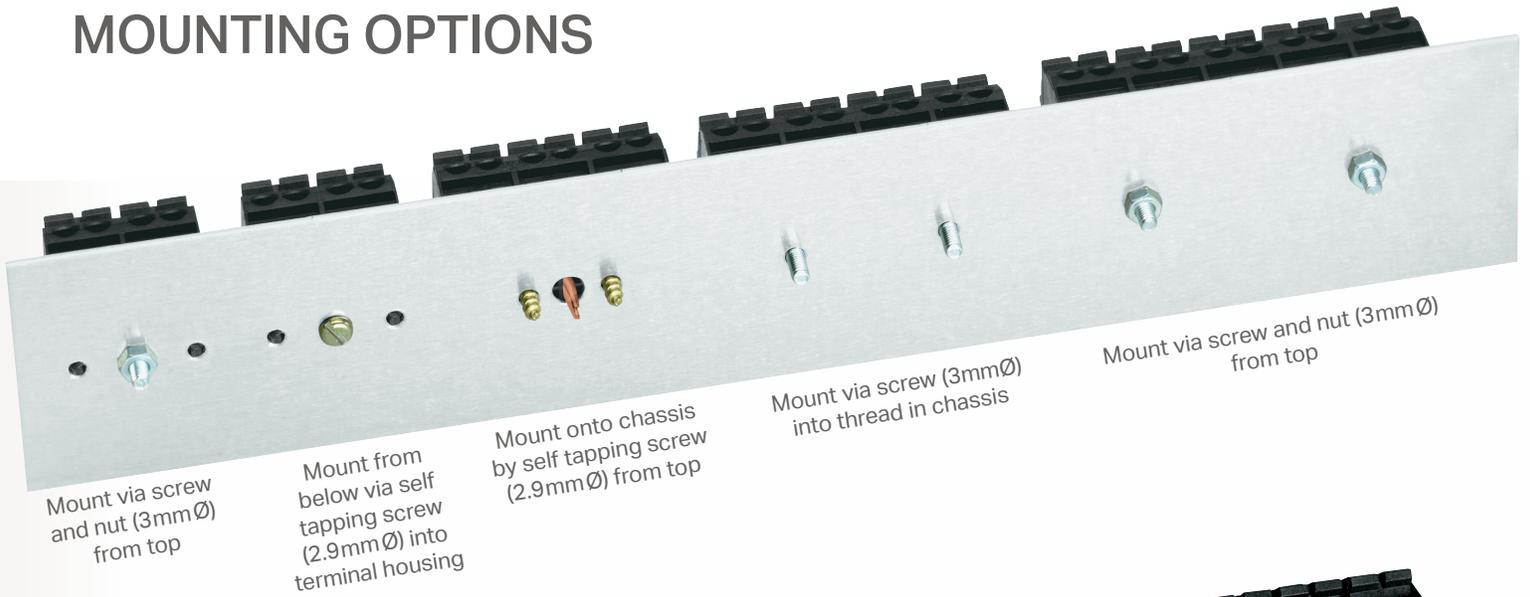
Mount via screw (3mm Ø) into thread in chassis

Mount via screw and nut (3mm Ø) from top

12

24

36

48

24

Mounting via snap-in mounting feet

DIMENSIONS (MM)

5.2
Ø 0.20"

3.2
Ø 0.126"

6
0.24"

6
0.24"

12
0.47"

60
2.36" (5pol)

48
1.89" (4pol)

36
1.42" (3pol)

24
0.94" (2pol)

6
0.24"

35
1.38"

17.5
0.69"

21.4
0.84"

0.5 - 1.2
0.02" - 0.05"

4
0.16"
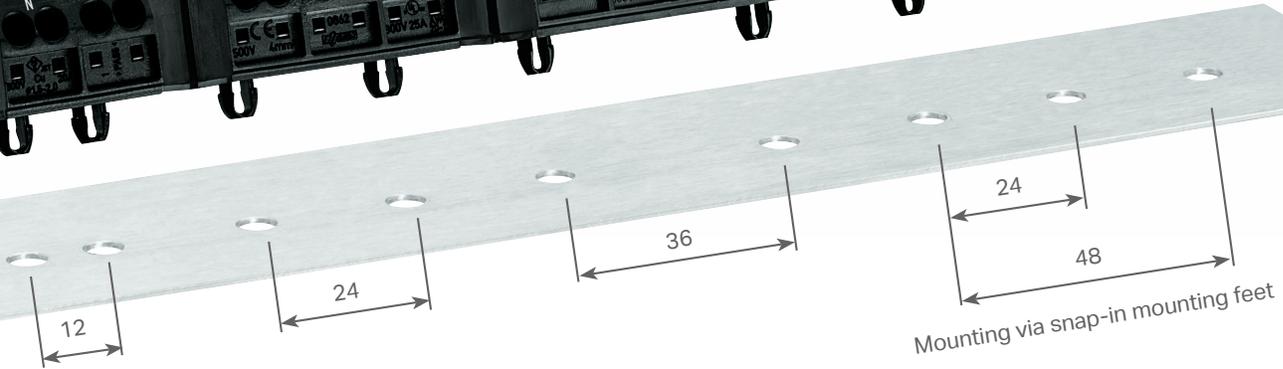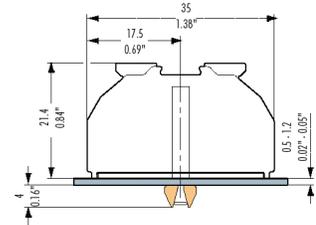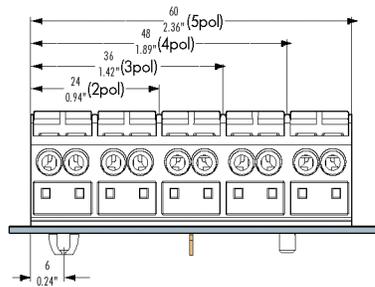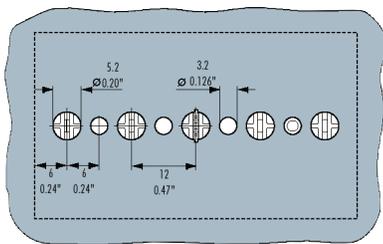
MOUNTING FOOT

Mounting foot for DIN rail mounting	
Item No.	Pack.-unit pcs
209-120	25

862 SERIES TERMINAL BLOCKS

Available in
black and white

	2 poles/8 connection points			3 poles/12 connection points		
	Item No. black	Item No. white	Pack.-unit pcs	Item No. black	Item No. white	Pack.-unit pcs
for fastening screw (3 mm Ø) or for self tapping screw (2.9) mm Ø from top						
without marking	● 862-552	○ 862-652	500			
L1-N (pre-marked), without ground contact	● 862-1552	○ 862-1652	500			
N-L1 (pre-marked), without ground contact	● 862-2552	○ 862-2652	500			
without marking				● 862-503	○ 862-603	250
PE-N-L1 (pre-marked), without ground contact				● 862-1503	○ 862-1603	250
N-PE-L1 (pre-marked), without ground contact				● 862-2503	○ 862-2603	250
N-PE-L1 (pre-marked), with ground contact				● 862-8503	○ 862-8603	250
PE-N-L1, (pre-marked), with ground contact				● 862-9503	○ 862-9603	250
for self tapping screw 2.9 mm Ø from below						
without marking	● 862-562	○ 862-662	500			
L1-N (pre-marked), without ground contact	● 862-1562	○ 862-1662	500			
N-L1 (pre-marked), without ground contact	● 862-2562	○ 862-2662	500			
1 snap-in foot per pole						
without marking	● 862-532	○ 862-632	500			
L1-N (pre-marked), without ground contact	● 862-1532	○ 862-1632	500			
N-L1 (pre-marked), without ground contact	● 862-2532	○ 862-2632	500			
without marking				● 862-533	○ 862-633	250
PE-N-L1 (pre-marked), without ground contact				● 862-1533	○ 862-1633	250
N-PE-L1 (pre-marked), without ground contact				● 862-2533	○ 862-2633	250
N-PE-L1 (pre-marked), with ground contact				● 862-8533	○ 862-8633	250
PE-N-L1 (pre-marked), with ground contact				● 862-9533	○ 862-9633	250
snap-in feet at pos. 1+3						
without marking				● 862-593	○ 862-693	250
PE-N-L1 (pre-marked), without ground contact				● 862-1593	○ 862-1693	250
N-PE-L1 (pre-marked), without ground contact				● 862-2593	○ 862-2693	250
N-PE-L1 (pre-marked), with ground contact				● 862-8593	○ 862-8693	250
PE-N-L1 (pre-marked), with ground contact				● 862-9593	○ 862-9693	250

ACCESSORIES

Test plug, with cable 500 mm		Marker strip, 7.5 mm wide, on roll, 50 m long		Comb-type jumper bar		Screwdriver	
Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
● 210-136 (2 mm Ø)	1	○ 709-178	1	862-482	5	210-720	1
● 210-137 (2.3 mm Ø)	50 (5 x 10)	○ 709-177	1				

862 SERIES TERMINAL BLOCKS

	4 poles/16 connection points			5 poles/20 connection points		
	Item No. black	Item No. white	Pack.-unit pcs	Item No. black	Item No. white	Pack.-unit pcs
for fastening screw (3 mm Ø) or for self tapping screw (2.9) mm Ø from top						
without marking	● 862-504	○ 862-604	200			
PE-N-L1-L2 (pre-marked), without ground contact	● 862-1504	○ 862-1604	200			
N-PE-L1-L2 (pre-marked), without ground contact	● 862-2504	○ 862-2604	200			
N-PE-L1-L2 (pre-marked), with ground contact	● 862-8504	○ 862-8604	200			
PE-N-L1-L2 (pre-marked), with ground contact	● 862-9504	○ 862-9604	200			
without marking				● 862-505	○ 862-605	200
PE-N-L1-L2-L3 (pre-marked), without ground contact				● 862-1505	○ 862-1605	200
L3-N-PE-L1-L2 (pre-marked), without ground contact				● 862-2505	○ 862-2605	200
L3-N-PE-L1-L2 (pre-marked), with ground contact				● 862-8505	○ 862-8605	200
PE-N-L1-L2-L3 (pre-marked), with ground contact				● 862-9505	○ 862-9605	200
1 snap-in foot per pole						
without marking	● 862-534	○ 862-634	200			
PE-N-L1-L2 (pre-marked), without ground contact	● 862-1534	○ 862-1634	200			
N-PE-L1-L2 (pre-marked), without ground contact	● 862-2534	○ 862-2634	200			
N-PE-L1-L2 (pre-marked), with ground contact	● 862-8534	○ 862-8634	200			
PE-N-L1-L2 (pre-marked), with ground contact	● 862-9534	○ 862-9634	200			
snap-in feet at pos. 1+ 4						
without marking	● 862-594	○ 862-694	200			
PE-N-L1-L2 (pre-marked), without ground contact	● 862-1594	○ 862-1694	200			
N-PE-L1-L2 (pre-marked), without ground contact	● 862-2594	○ 862-2694	200			
N-PE-L1-L2 (pre-marked), with ground contact	● 862-8594	○ 862-8694	200			
PE-N-L1-L2 (pre-marked), with ground contact	● 862-9594	○ 862-9694	200			
snap-in feet at pos. 2 + 4						
without marking				● 862-525	○ 862-625	200
PE-N-L1-L2-L3 (pre-marked), without ground contact				● 862-1525	○ 862-1625	200
L3-N-PE-L1-L2 (pre-marked), without ground contact				● 862-2525	○ 862-2625	200
L3-N-PE-L1-L2 (pre-marked), with ground contact				● 862-8525	○ 862-8625	200
PE-N-L1-L2-L3 (pre-marked), with ground contact				● 862-9525	○ 862-9625	200
snap-in feet at pos. 1 + 3 + 5						
without marking				● 862-515	○ 862-615	200
PE-N-L1-L2-L3 (pre-marked), without ground contact				● 862-1515	○ 862-1615	200
L3-N-PE-L1-L2 (pre-marked), without ground contact				● 862-2515	○ 862-2615	200
L3-N-PE-L1-L2 (pre-marked), with ground contact				● 862-8515	○ 862-8615	200
PE-N-L1-L2-L3 (pre-marked), with ground contact				● 862-9515	○ 862-9615	200

Versions available with ATEX and IECEx — contact factory for part numbers.

ACCESSORIES AND OPERATING TOOLS

ACCESSORIES

WAGO offers a complete range of accessory products to make installation and testing quick and easy:

• Operating tools for actuating the CAGE CLAMP®
• Test devices and accessories to reliably detect voltage
• Convenient wire cutting and stripping tools
• Ferrules and crimping tools to install them

SCREWDRIVERS, TESTBOY AND BANANA PLUGS
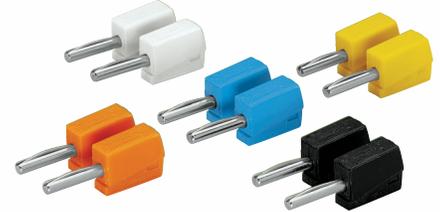
Screwdriver		Testboy with flashlight Voltage range 120 V up to 1000 V AC		Banana plugs, for sockets ⌀ 4 mm 28 - 14 AWG	
Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
210-719 (2.5 x 0.4 mm blade)	1	206-804	1	215-111 (mixed colors)	50
210-720 (3.5 x 0.5 mm blade)	1			⬤ 215-211	50
210-721 (5.5 x 0.8 mm blade)	1			⬤ 215-212	50
210-722 (set of all 3)	1			⬤ 215-311	50
				⬤ 215-411	50
				⬤ 215-511	50
				⬤ 215-711	50
				⬤ 215-811	50
				⬤ 215-911	50

Set of screwdrivers in a box

The following can be detected by the
WAGO Testboy:
* Live conductors
* Line breaks
* Blown fuses
* Defective switches
* Defective lamps

Connection of conductors via
banana plugs:
Press button fully and insert stripped
conductor into square entry and release

STRIPPING TOOLS AND CABLE CUTTER

Quickstrip 10 stripping tool		Quickstrip 16 stripping tool		Cable cutter	
wire stripping for 34 - 8 AWG		wire stripping for 10 - 5 AWG		for up to 2 AWG conductors	
wire cutting for up to 8 AWG str / 16 AWG sol		wire cutting for up to 8 AWG str / 16 AWG sol			
Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
206-124	1	206-125	1	206-118	1

FOR QUICKSTRIP 10

FOR QUICKSTRIP 16

Replacement blade cassette		Replacement blade cassette	
34 - 8 AWG		10 - 5 AWG	
Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
206-126	1	206-128	1

Replacement "V" blade cassette	
34 - 12 AWG for PTFE	
Item No.	Pack.-unit pcs
206-127	1
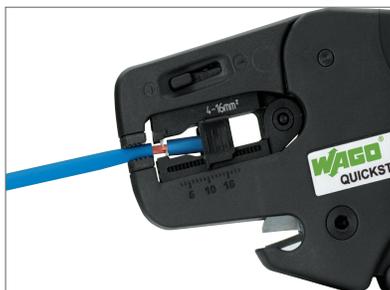
Quickstrip 16: Stripping of cable

Quickstrip 16: Cutting of cable

Cutting of cable

FERRULES AND CRIMPING TOOLS

INSULATED FERRULES
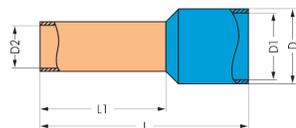
UNINSULATED FERRULES
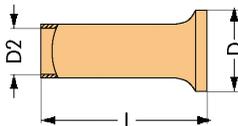
Insulated Ferrules

Sleeve for mm²	AWG	Stripped length (mm)	L (mm)	L1 (mm)	D (mm)	D1 (mm)	D2 (mm)	Item No.	Pack.-unit pcs
0.5	22	12.0	16.0	10.0	3.1	2.6	1.0	○ 216-241	1,000
0.75	20	12.0	16.0	10.0	3.3	2.8	1.2	● 216-242	1,000
1.0	18	12.0	16.0	10.0	3.5	3.0	1.4	● 216-243	1,000
1.5	16	12.0	16.0	10.0	4.0	3.5	1.7	● 216-244	1,000

Uninsulated Ferrules

Sleeve for mm²	AWG	Stripped length (mm)	L (mm)	D (mm)	D2 (mm)	Item No.	Pack.-unit pcs
0.5	22	10.0	10.0	2.1	1.0	216-141	1,000
0.75	20	10.0	10.0	2.3	1.2	216-142	1,000
1.0	18	10.0	10.0	2.5	1.4	216-143	1,000
1.5	16	10.0	10.0	2.8	1.7	216-144	1,000

Visit our online catalog at eshop.wago.com for a complete offering of ferrules.

CRIMPING TOOLS

Variocrimp 4 for insulated or uninsulated ferrules 24 - 12 AWG (from 0.25 - 4 mm²)		Variocrimp 16 for insuldated or uninsulated ferrules 10 - 6 AWG (from 6 - 16 mm²)	
Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
206-204	1	206-216	1

SMART DATA ENGINEERING
Component Labeling
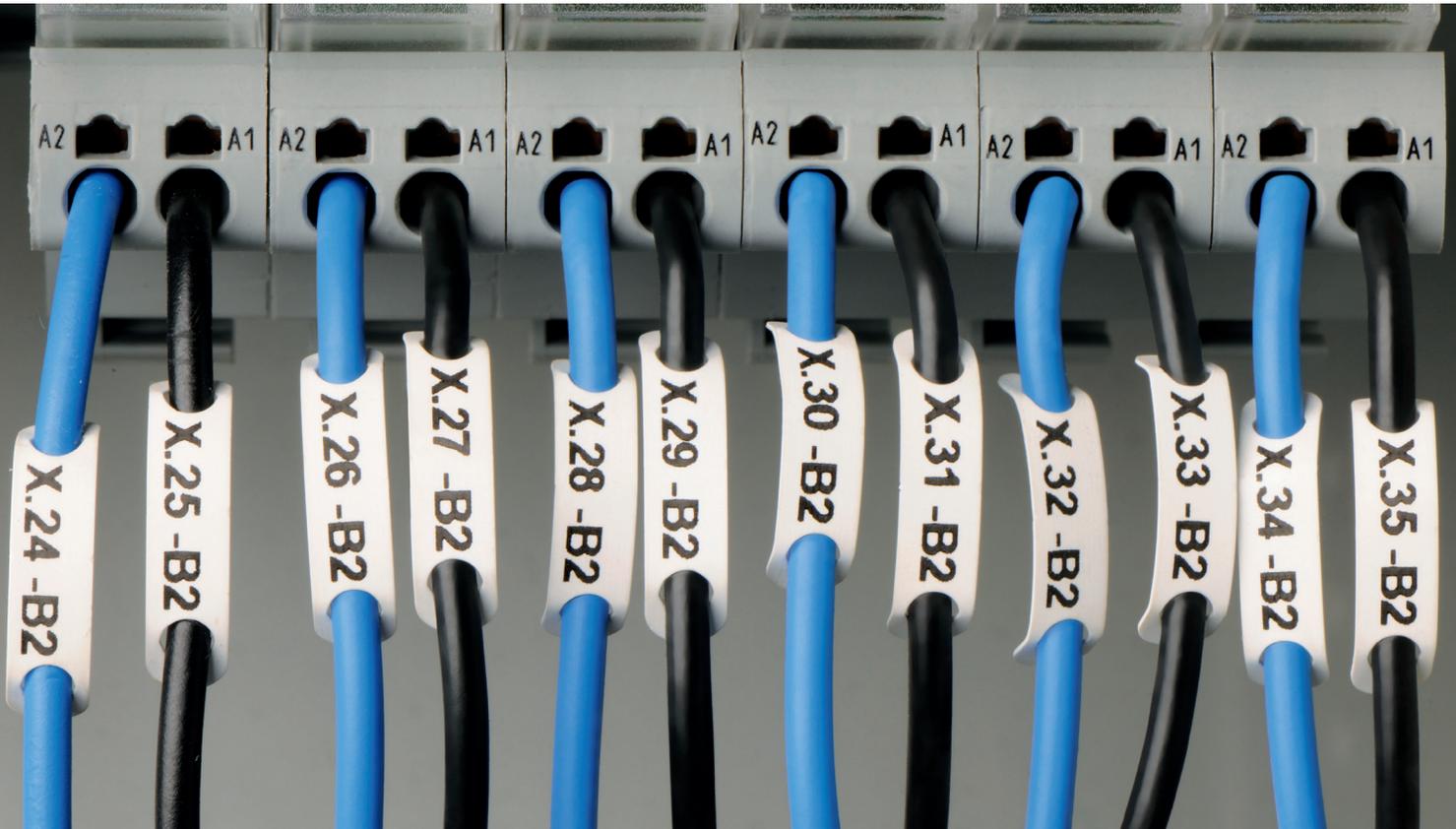
**The WAGO** *smart***PRINTER:**

- The industry's most affordable printing option
- Label your entire control cabinet
- Mark your devices with industry exclusive multi-line
  continuous marker strips
- No drying time
- Minimal maintenance

Visit www.smartprinter.us for more information.

*smart***PRINTER**   +   *smart***SCRIPT SOFTWARE**   =   **MARKED 862 SERIES**

WIRE MARKING WITH *smart*PRINTER

258-5000

709-178

258-5005

*smart*PRINTER		Marker Strips for 862 Series		Ink ribbon	
Item No.	Pack.-unit pcs	Item No.	Length	Item No.	Length
258-5000	1	◯ 709-178	50 m	258-5005 (standard)	50 m
258-5015 (carrying case)	1	◯ 709-177	50 m	258-5014 (heatshrink / self-laminating)	50 m

211-861; 211-862; 211-863

211-855; 211-856; 211-857

211-812, 211-813, 211-823, 211-824, 211-829

Self-laminating and thread-on labels			Heat shrink labels			Marking sleeves		
Cable diameter	Wire marking	Item No.	Size	Wire diameter	Item No.	Wire diameter	Item No.	Marker No. (length)
max. 9 mm		211-855 (self-laminating)	1/8"	1.1-2.7 mm	◯ 51223870	1.4-5.0 mm	211-812	211-811 (12 mm)
max. 12 mm		211-856 (self-laminating)	3/16"	1.8-4.1 mm	◯ 51223871	5.0-11.0 mm	211-813	211-811 (12 mm)
max. 22 mm		211-857 (self-laminating)	1/4"	2.3-5.5 mm	◯ 51223872	1.4-5.0 mm	211-823	211-821 (23 mm)
	0.75-1.5 mm²	211-861 (thread-on)	1/2"	4.7-10.8 mm	◯ 51273038	5.0-11.0 mm	211-824	211-821 (23 mm)
	2.5-6.0 mm²	211-862 (thread-on)	1/8"	1.1-2.7 mm	◯ 51227742	Cable tie secured	211-829	211-821 (23 mm)
	6.0-16 mm²	211-863 (thread-on)	3/16"	1.8-4.1 mm	◯ 51227743			
			1/4"	2.3-5.5 mm	◯ 51227744			

Visit www.smartprinter.us for more materials.

WE INNOVATE!