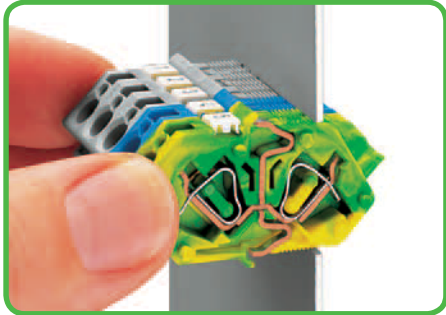


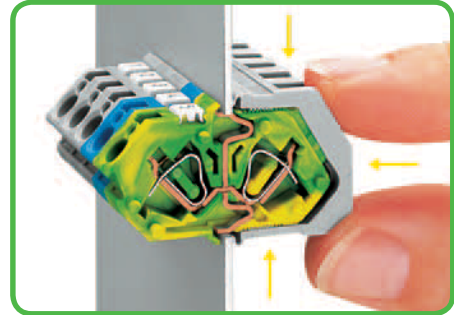
Description and Handling 826, 231, 731 and 226 Series



Insert the terminal strip into the cut-out until the stop hits the enclosure wall.

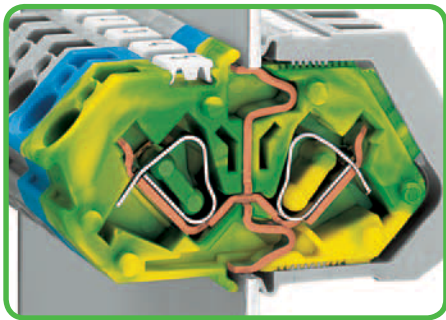


Secure the terminal strip to the inner side of the cut-out retaining clips ...

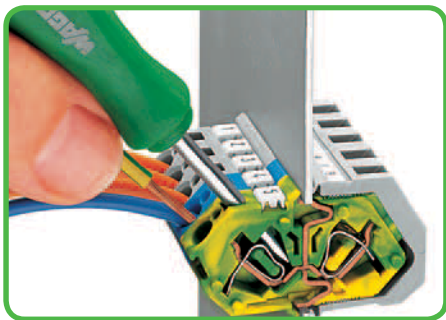


... push retaining clips until stop and press together in the direction of the terminal center.

Ground contact

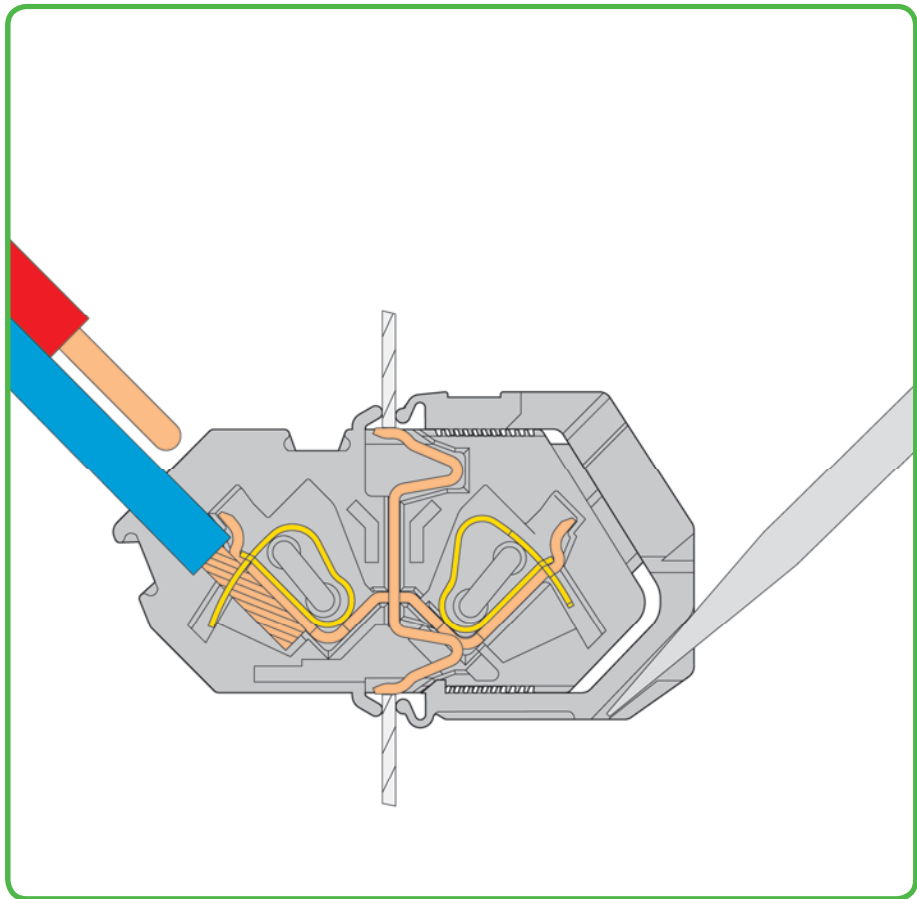


Automatic, double contact of the ground contact to the enclosure wall.

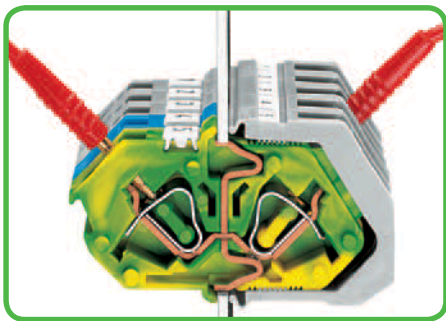


Inserting a conductor via screwdriver.

826 Series

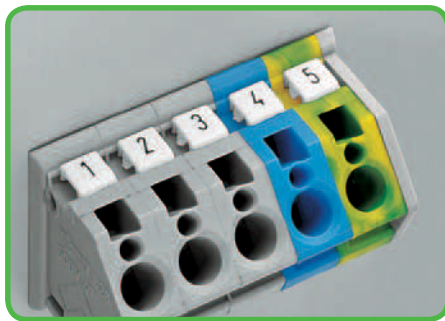


Testing

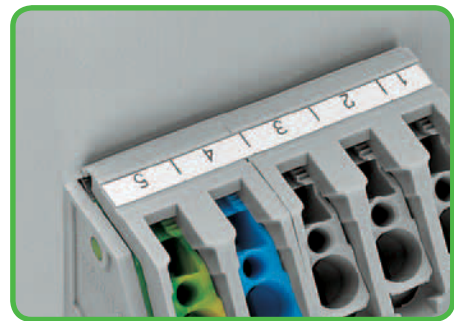


Testing with test plug, Ø 2 mm or Ø 2.3 mm.

Marking



Marking via miniature WSB marking system, directly on the terminals.



Self-adhesive marking strips adhere directly on the retaining clips.

CAGE CLAMP® clamps the following copper conductors:*

- solid

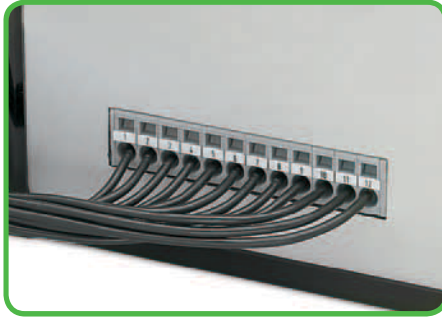
stranded

fine-stranded, also with tinned single strands

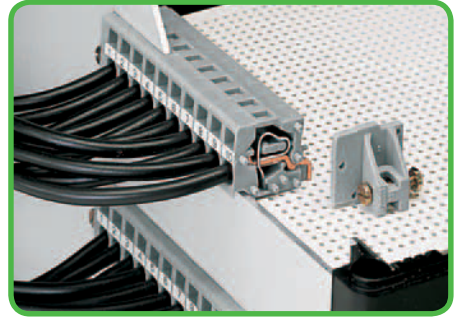
* For aluminum conductors, see notes in Section 11.



PCB feedthrough terminal strips.
Front-entry termination of conductors.

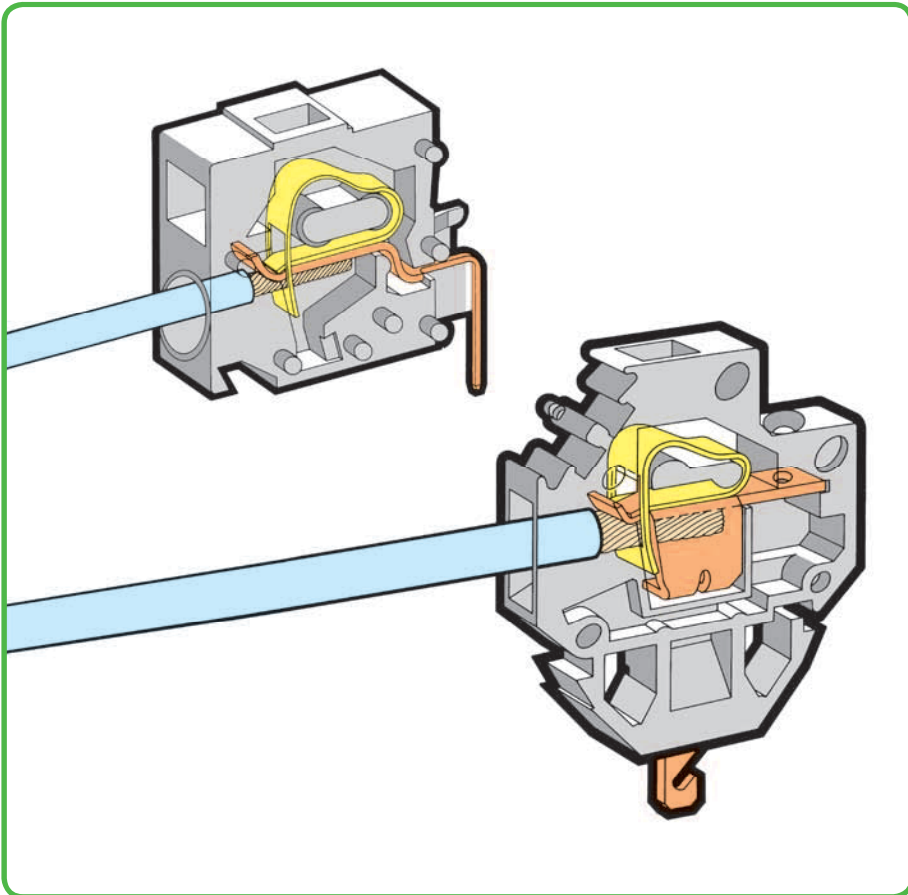


PCB feedthrough terminal strips can be used as front panel feedthrough for external conductor termination ...

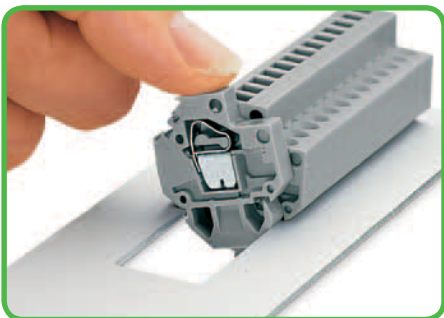


... or with fixing flanges for mounting on the PCB or at the front panel. May be flush with enclosure or protrude.

231, 731 and 226 Series

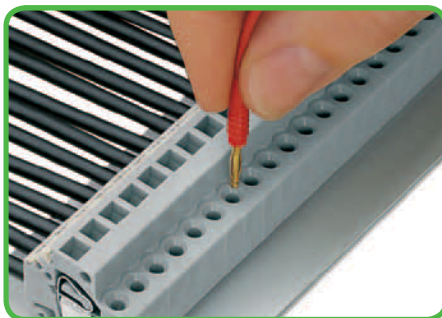


Mounting

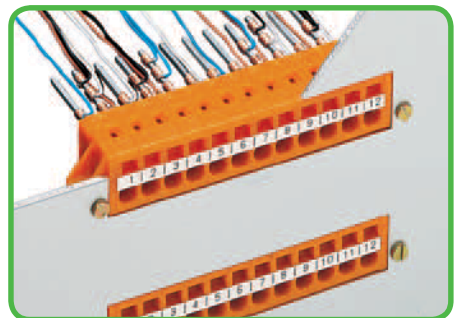


Snapping a 226 Series terminal block into the cut-out.

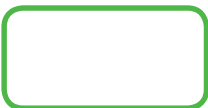
Testing



Testing with Ø 2 mm test plug, touch contact with current bar.



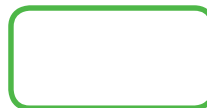
Feedthrough terminal strips with fixing flanges.



fine-stranded,
tip-bonded

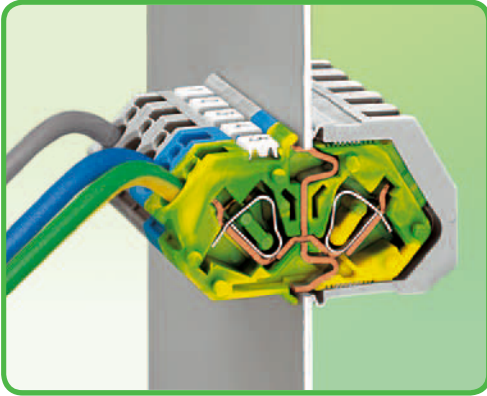


fine-stranded,
with crimped ferrule
(gas-tight)



fine-stranded,
with crimped pin
terminal (gas-tight)

Panel Feedthrough Terminal Blocks 4 mm² Pin spacing 7 mm 826 Series



- Panel feedthrough terminal blocks with screwdriver-actuated CAGE CLAMP®
- Easy, tool-free installation
- Makes direct ground contact with enclosure/panel
- Test ports available on both sides

Technical data:

Pin Spacing	7 mm 0.276 in		
Rating per	IEC/EN 60664-1		
Overtoltage category	III	III	II
Pollution degree	3	2	2
Rated voltage	320 V*	320 V*	630 V
Rated surge voltage	4 kV	4 kV	4 kV
Nominal current	32 A	32 A	32 A
Approvals per	UL/CSA		
Use group UL 1059	B	C	D
Rated voltage	300 V	150 V	300 V
Nominal current UL	20 A	20 A	10 A
Nominal current CSA	20 A	20 A	10 A

Conductor data:

Connection technology	CAGE CLAMP®
Conductor size: solid	0.08 - 4 mm ²
Conductor size: fine-stranded	0.08 - 4 mm ²
Conductor size: fine-stranded	0.25 - 2.5 mm ² (with insulated ferrule)
Conductor size: fine-stranded	0.25 - 2.5 mm ² (with uninsulated ferrule)
AWG	28 - 12
Strip length	9 - 10 mm / 0.35 - 0.39 in

Material data:

Material group	I
Insulating material	Nylon 6.6 (PA 6.6)
Flammability rating per UL 94	V0
Lower/Upper temperature limit	-60°C / +105°C
Clamping spring material	Chrome-nickel spring steel (CrNi)
Contact material	Electrolytic copper (E _{cu})
Contact plating	tin-plated

826 Series accessories:

Page:

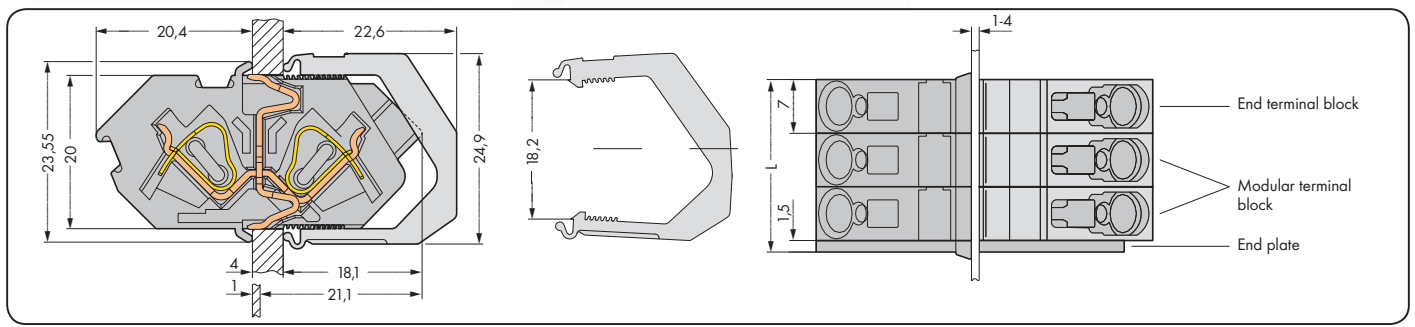
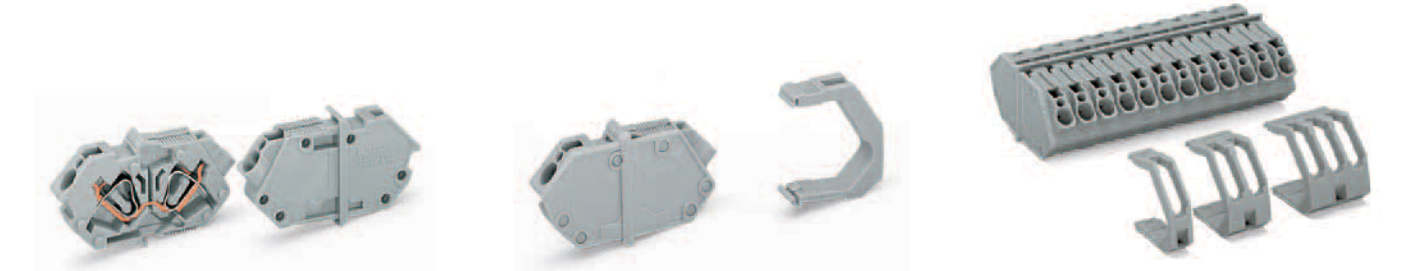
Marking accessories	540 - 543
Operating tools	526 - 528
Test plugs	538

* Suitable for neutral-grounded, three-phase, 4-wire systems rated at 400V (line-to-line) according to IEC/EN 60664-1.

Panel Feedthrough Terminal Blocks 4 mm²

CAGE CLAMP®

End and center terminal blocks Pin spacing 7 mm / 0.276 in		Modular terminal blocks Pin spacing 7 mm / 0.276 in		Compact terminal blocks Pin spacing 7 mm / 0.276 in	
0.08 – 4 mm ²	AWG 28 – 12	0.08 – 4 mm ²	AWG 28 – 12	0.08 – 4 mm ²	AWG 28 – 12
320 V*/4 kV/2 32 A	300 V/10 A	320 V*/4 kV/2 32 A	300 V/10 A	320 V*/4 kV/2 32 A	300 V/10 A



Cut-out dimensions: H = 20.1^{+0.1} mm; L = (pole no. x 7 mm) + 1.6^{+0.1} mm

Color	Item No.	Pack. Unit	Color	Item No.	Pack. Unit	Pole No.	Item No.	Pack. Unit
Modular, panel feedthrough end terminal block			Modular, panel feedthrough terminal block, including end plate and retaining clips			Compact panel feedthrough terminal block, including end plate and retaining clips, gray		
gray	826-159	50	gray	826-161	50	2	826-162	50
						3	826-163	50
						4	826-164	50
						5	826-165	50
						6	826-166	50
Modular, panel feedthrough center terminal block						7	826-167	25
gray	826-160	50				8	826-168	25
						9	826-169	25
						10	826-170	25
						11	826-171	10
						12	826-172	10

End plates for 826 Series, snap-on type, 1.5 mm/0.059 in thick	Color	Item No.	Pack. Unit
	gray	826-158	100 (4 x 25)
	blue	826-158/000-006	100 (4 x 25)
	green-yellow	826-158/000-016	100 (4 x 25)

Retaining clips for 826 Series, gray	Color	Item No.	Pack. Unit
	1-pole	826-155	50 (2 x 25)
	2-pole	826-156	50 (2 x 25)
	3-pole	826-157	50 (2 x 25)

Item no. suffixes for colored panel feedthrough and compact terminal blocks:

blue	.../000-006	Ordering example: Compact terminal block, 7 mm pin spacing, 8-pole, blue: 826-168/000-016
green-yellow	.../000-016	