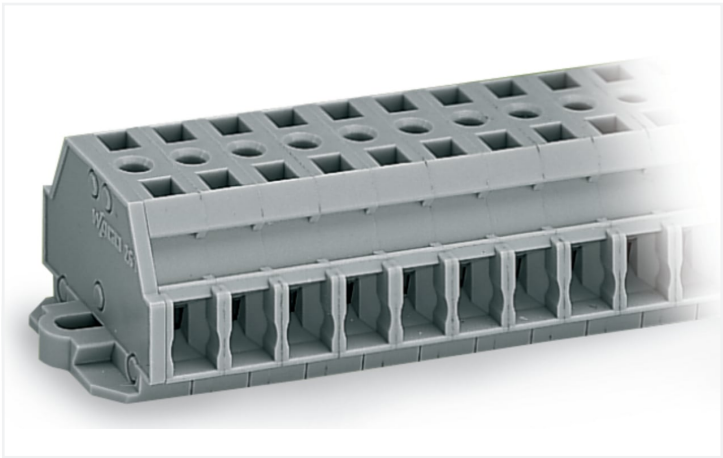


Data Sheet | Item Number: 261-428

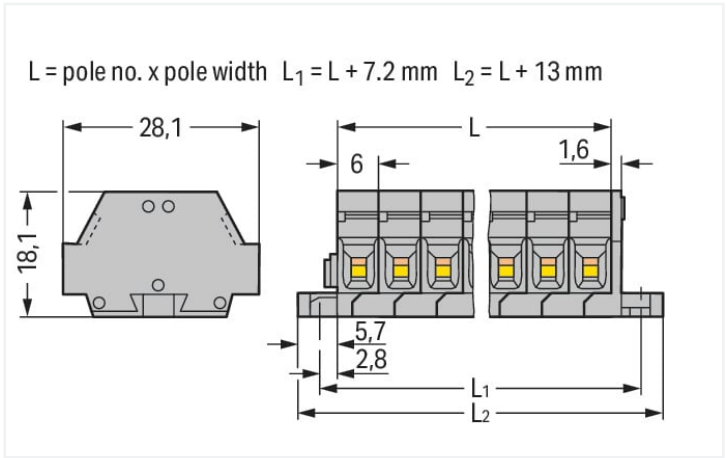
2-conductor terminal strip; without push-buttons; with fixing flanges; 8-pole; for screw or similar mounting types; Fixing hole 3.2 mm Ø; 2.5 mm²; CAGE CLAMP®; gray

<https://www.wago.com/261-428>



Color: ■ gray

Similar to illustration



Dimensions in mm

Through terminal block, 261 Series, operating tool

This through terminal block (item number 261-428) streamlines wire connections, making them both quick and easy. Whether for industrial or building applications, you can use our through terminal blocks to connect electrical conductors quickly and safely. We offer variants for both classic through-wiring and potential distribution. Rated current and voltage are important parameters when choosing a mini rail-mount terminal block, as they determine the product's suitability for different applications. This product has a rated voltage of 500 V and a rated current of 24 A. Conductors can only be connected to this through terminal block if their strip length is between 8 mm and 9 mm. Featuring conductor terminals along with CAGE CLAMP®, this product is highly versatile. Our CAGE CLAMP® connection offers a proven and maintenance-free way to connect all types of conductors. You do not need to prepare the conductor in any way, such as crimping ferrules. Depending on the type of conductor, this through terminal block is designed for conductor cross sections ranging from 0.08 mm² to 2.5 mm². It has one level. You can connect eight potentials / eight poles using the sixteen clamping points. The gray housing is made of polyamide (PA66) for insulation. This mini rail-mount terminal block is operated with an operating tool. Conductors made of copper can be connected thanks to side-entry wiring.

Electrical data				
Ratings per IEC/EN		Approvals per		
Nominal voltage (III/3)	500 V	UL 1059		
Rated impulse withstand voltage (III / 3)	6 kV	Use group	B	C
Rated current	24 A	Rated voltage	300 V	300 V
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3	Rated current	15 A	15 A
			5 A	


Approvals per		CSA 22.2 No 158		
Use group	B	C	D	
Rated voltage	-	300 V	600 V	
Rated current	-	10 A	5 A	




Connection data																		
Clamping units	16	<div>Connection 1</div> <table><tr><td>Connection technology</td><td>CAGE CLAMP®</td></tr><tr><td>Actuation type</td><td>Operating tool</td></tr><tr><td>Connectable conductor materials</td><td>Copper</td></tr><tr><td>Solid conductor</td><td>0.08 ... 2.5 mm² / 28 ... 14 AWG</td></tr><tr><td>Fine-stranded conductor</td><td>0.08 ... 2.5 mm² / 28 ... 14 AWG</td></tr><tr><td>Strip length</td><td>8 ... 9 mm / 0.31 ... 0.35 inches</td></tr><tr><td>Pole number</td><td>8</td></tr><tr><td>Wiring direction</td><td>Side-entry wiring</td></tr></table>	Connection technology	CAGE CLAMP®	Actuation type	Operating tool	Connectable conductor materials	Copper	Solid conductor	0.08 ... 2.5 mm² / 28 ... 14 AWG	Fine-stranded conductor	0.08 ... 2.5 mm² / 28 ... 14 AWG	Strip length	8 ... 9 mm / 0.31 ... 0.35 inches	Pole number	8	Wiring direction	Side-entry wiring
Connection technology	CAGE CLAMP®																	
Actuation type	Operating tool																	
Connectable conductor materials	Copper																	
Solid conductor	0.08 ... 2.5 mm² / 28 ... 14 AWG																	
Fine-stranded conductor	0.08 ... 2.5 mm² / 28 ... 14 AWG																	
Strip length	8 ... 9 mm / 0.31 ... 0.35 inches																	
Pole number	8																	
Wiring direction	Side-entry wiring																	
Total number of potentials	8																	
Number of levels	1																	
Physical data																		
Width	61 mm / 2.402 inches																	
Height	28 mm / 1.102 inches																	
Height from the surface	18.1 mm / 0.713 inches																	
Depth	23.2 mm / 0.913 inches																	
Module width	6 mm / 0.236 inches																	
Mechanical data																		
Design	horizontal type																	
Mounting type	Mounting flange																	
Marking level	Side marking																	
Material data																		
Note (material data)	<a href="#">Information on material specifications can be found here</a>																	
Color	gray																	
Material group	I																	
Insulation material (main housing)	Polyamide (PA66)																	
Flammability class per UL94	V0																	
Fire load	0.382 MJ																	
Halogen-free	Yes																	
Weight	21 g																	
Environmental requirements																		
Processing temperature	-35 ... +85 °C																	
Continuous operating temperature	-60 ... +105 °C																	
Commercial data																		
eCl@ss 10.0	27-14-11-06																	
eCl@ss 9.0	27-14-11-06																	
ETIM 9.0	EC001284																	
ETIM 8.0	EC001284																	
PU (SPU)	50 pcs																	
Packaging type	Box																	
Country of origin	DE																	
GTIN	4044918627696																	
Customs tariff number	85369010000																	



Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

Downloads





Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 261-428	

Documentation

Additional Information		
Technical Section	pdf 2246.92 KB	

Bid Text			
261-428	19.02.2019	xml 3.11 KB	
261-428	17.08.2017	doc 24.50 KB	

CAD/CAE-Data













CAD data		CAE data	
2D/3D Models 261-428		EPLAN Data Portal 261-428	
		WSCAD Universe 261-428	
		ZUKEN Portal 261-428	

1 Compatible Products

1.1 Optional Accessories

1.1.1 Ferrule

1.1.1.1 Ferrule

 <a href="#">Item No.: 216-301</a> Ferrule; Sleeve for 0.25 mm² / AWG 24; insulated; electro-tin plated; yellow	 <a href="#">Item No.: 216-302</a> Ferrule; Sleeve for 0.34 mm² / 22 AWG; insulated; electro-tin plated; light turquoise	 <a href="#">Item No.: 216-201</a> Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; electrolytic copper; acc. to DIN 46228, Part 4/09.90; white	 <a href="#">Item No.: 216-101</a> Ferrule; Sleeve for 0.5 mm² / AWG 22; un-insulated; electro-tin plated; silver-colored
 <a href="#">Item No.: 216-202</a> Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; gray	 <a href="#">Item No.: 216-102</a> Ferrule; Sleeve for 0.75 mm² / AWG 20; un-insulated; electro-tin plated; silver-colored	 <a href="#">Item No.: 216-203</a> Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; red	 <a href="#">Item No.: 216-103</a> Ferrule; Sleeve for 1 mm² / AWG 18; un-insulated; electro-tin plated
 <a href="#">Item No.: 216-204</a> Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; black	 <a href="#">Item No.: 216-104</a> Ferrule; Sleeve for 1.5 mm² / AWG 16; un-insulated; electro-tin plated; silver-colored	 <a href="#">Item No.: 216-205</a> Ferrule; Sleeve for 2.08 mm² / AWG 14; insulated; electro-tin plated; yellow	 <a href="#">Item No.: 216-206</a> Ferrule; Sleeve for 2.5 mm² / AWG 14; un-insulated; electro-tin plated; blue



1.1.1.1 Ferrule



**Item No.: 216-106**  
Ferrule; Sleeve for 2.5 mm² / AWG 14; un-insulated; electro-tin plated; silver-colored

1.1.2 Installation

1.1.2.1 Mounting accessories



**Item No.: 209-137**  
Mounting adapter; can be used as end stop; 6.5 mm wide; gray



**Item No.: 209-123**  
Mounting foot with screw; can be screwed on terminal blocks with fixing flange; 6.4 mm wide; gray

1.1.3 Jumper

1.1.3.1 Jumper



**Item No.: 261-402**  
Jumper; for conductor entry; 2-way; insulated; gray

1.1.4 Marking

1.1.4.1 Marker



**Item No.: 2009-145/000-006**  
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue



**Item No.: 2009-145/000-007**  
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray



**Item No.: 2009-145/000-023**  
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green



**Item No.: 2009-145/000-012**  
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange



**Item No.: 2009-145/000-005**  
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; red



**Item No.: 2009-145/000-024**  
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet



**Item No.: 2009-145**  
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white



**Item No.: 2009-145/000-002**  
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow



**Item No.: 248-501/000-006**  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; blue



**Item No.: 248-501/000-007**  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; gray



**Item No.: 248-501/000-023**  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; green



**Item No.: 248-501/000-017**  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; light green



**Item No.: 248-501/000-012**  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; orange



**Item No.: 248-501/000-005**  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; red



**Item No.: 248-501/000-024**  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; violet



**Item No.: 248-501**  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white



**Item No.: 248-501/000-002**  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; yellow

1.1.5 Test and measurement

1.1.5.1 Testing accessories



Item No.: 210-136  
Test plug; 2 mm Ø; with 500 mm cable; red

1.1.6 Tool

1.1.6.1 Operating tool



Item No.: 210-658  
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; angled; short; multicoloured



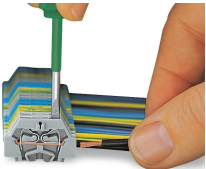
Item No.: 210-720  
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured



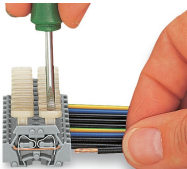
Item No.: 210-657  
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; short; multicoloured

Installation Notes

Conductor termination

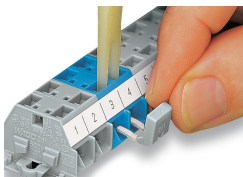


**CAGE CLAMP® connection**  
Inserting a conductor.  
With ferruled conductors, it is necessary to use a terminal block one size larger than the conductor's nominal cross-section.



**CAGE CLAMP® connection**  
Inserting a conductor via push-button.

Commoning

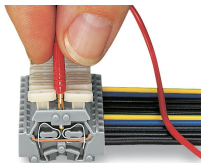


Commoning with comb-style jumper bar.

Testing

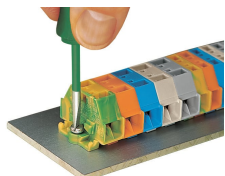


Testing with voltage tester.

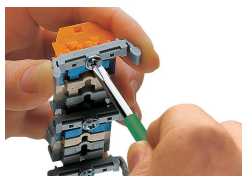


Testing with a 2 mm Ø test plug – touch contact.

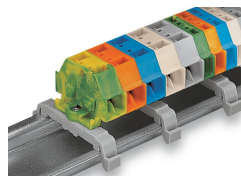
## Installation



Mounting and securing a terminal strip directly to the plate via screw-type flanges.

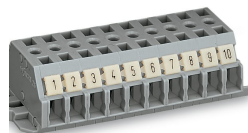


Terminal strip with mounting flanges  
Screwing a mounting foot (209-123).  
(Distance between mounting feet: approx.  
25 ... 30 mm)



Terminal strip; with mounting flanges; for  
DIN-35 rail

## Marking



Terminal strip with marker slot for Mini-  
WSB Quick Marking System