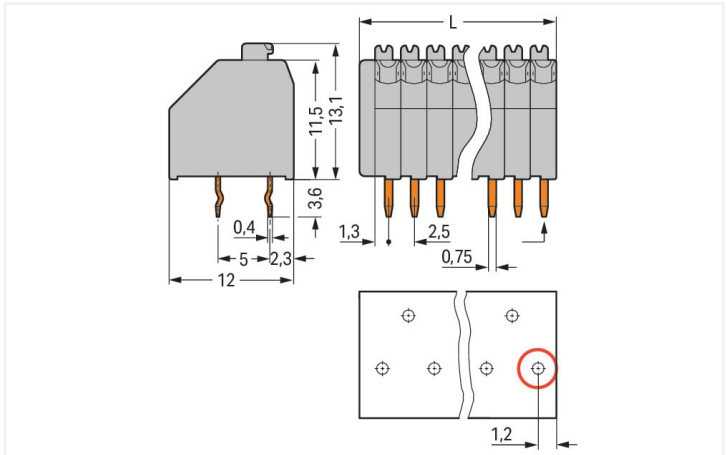


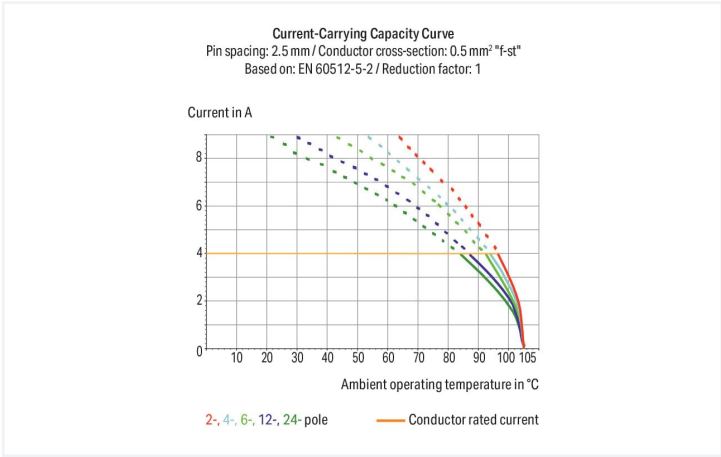


Color: ■ blue

Similar to illustration



Dimensions in mm
L = (pole no. x pin spacing) + 1.5 mm
First solder pin, front right (red circle)



- Compact PCB terminal strips with push-buttons
- Push-in termination of solid conductors
- Termination/removal of fine-stranded conductors via push-buttons
- 45° conductor entry angle provides easy, space-saving wiring
- Custom color combinations
- Terminal strips also available with spacers upon request

Notes	
Variants:	Other pole numbers Other colors Mixed-color PCB connector strips Terminal strips with spacers Direct marking Other versions (or variants) can be requested from WAGO Sales or configured at https://configurator.wago.com/ .



Electrical data				
Ratings per		IEC/EN 60664-1		
Overvoltage category	III	III	II	
Pollution degree	3	2	2	
Nominal voltage	160 V	160 V	320 V	
Rated surge voltage	2.5 kV	2.5 kV	2.5 kV	
Rated current	4 A	4 A	4 A	
Approvals per		CSA		
Use group	B	C	D	
Rated voltage	300 V	-	300 V	
Rated current	5 A	-	5 A	

Approvals per				UL 1059	
Use group	B		C	D	
Rated voltage	300 V		-	300 V	
Rated current	5 A		-	5 A	

Connection data				
Connection points	2	Connection 1		
Total number of potentials	2	Connection technology	Push-in CAGE CLAMP®	
Number of connection types	1	Actuation type	Push-button	
Number of levels	1	Solid conductor	0.14 ... 0.5 mm² / 24 ... 20 AWG	
		Fine-stranded conductor	0.2 ... 0.5 mm² / 24 ... 20 AWG	
		Conductor diameter	0.4 ... 0.8 mm / 24 ... 20 AWG	
		Strip length	8.5 ... 9.5 mm / 0.33 ... 0.37 inches	
		Conductor connection direction to PCB	45 °	
		Pole number	2	
Physical data				
Pin spacing	2.5 mm / 0.098 inches			
Width	6.5 mm / 0.256 inches			
Height	16.7 mm / 0.657 inches			
Height from the surface	13.1 mm / 0.516 inches			
Depth	12 mm / 0.472 inches			
Solder pin length	3.6 mm			
Solder pin dimensions	0.4 x 0.75 mm			
Drilled hole diameter with tolerance	1.1 ^(+0.1) mm			
PCB contact				
PCB contact	THT			
Solder pin arrangement	over the entire terminal strip (staggered)			
Number of solder pins per potential	1			
Material data				
Note (material data)	Information on material specifications can be found here			
Color	blue			
Material group	I			
Insulation material	Polyamide (PA66)			
Flammability class per UL94	V0			
Clamping spring material	Copper alloy			
Contact plating	Tin			
Fire load	0.006 MJ			
Weight	0.9 g			



Environmental requirements	
Limit temperature range	-60 ... +105 °C

Commercial data	
Product Group	4 (Printed Circuit Connectors)
eCl@ss 10.0	27-44-04-01
eCl@ss 9.0	27-44-04-01
ETIM 8.0	EC002643
ETIM 7.0	EC002643
PU (SPU)	720 (180) pcs
Packaging type	Box
Country of origin	CH
GTIN	4044918642781
Customs tariff number	85369010000

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
CSA DEKRA Certification B.V.	C22.2	1132097
UL UL International Germany GmbH	UL 1059	E45172

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 250-402/000-006	

Documentation

Additional Information			
Technical Section	03.04.2019	pdf 2010.85 KB	

CAD/CAE-Data	
CAD data 2D/3D Models 250-402/000-006 ↓	CAE data EPLAN Data Portal 250-402/000-006 ↓ ZUKEN Portal 250-402/000-006 ↓

1 Compatible Products
1.1 Optional Accessories
1.1.1 Marking
1.1.1.1 Marking strip

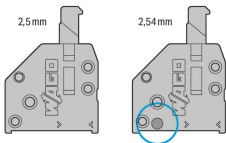
 Item No.: 210-331/250-202 Marking strips; as a DIN A4 sheet; MARKED; 1-16 (400x); Height of marker strip: 2.3 mm/0.091 in; Strip length 182 mm; Horizontal marking; Self-adhesive; white	 Item No.: 210-331/250-207 Marking strips; as a DIN A4 sheet; MARKED; 1-48 (100x); Height of marker strip: 2.3 mm/0.091 in; Strip length 182 mm; Horizontal marking; Self-adhesive; white	 Item No.: 210-331/250-204 Marking strips; as a DIN A4 sheet; MARKED; 17-32 (400x); Height of marker strip: 2.3 mm/0.091 in; Strip length 182 mm; Horizontal marking; Self-adhesive; white	 Item No.: 210-331/250-206 Marking strips; as a DIN A4 sheet; MARKED; 33-48 (400x); Height of marker strip: 2.3 mm/0.091 in; Strip length 182 mm; Horizontal marking; Self-adhesive; white
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1.1.2 Test and measurement
1.1.2.1 Testing accessories

 Item No.: 735-500 WAGO Test pin; 1 mm Ø; 30 V AC / 60 V DC; CAT0; 1 A; 6 mm uninsulated; Test lead for soldering up to 0,5mm²
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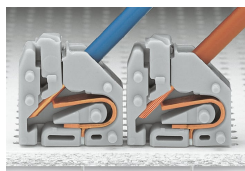
1.1.3 Tool	
1.1.3.1 Operating tool	
	
<u>Item No.: 210-719</u> Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft	<u>Item No.: 210-647</u> Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft; multicoloured

Installation Notes



A groove at the back of the terminal strip differentiates between the two pin spacings.

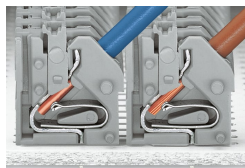
Conductor termination



Inserting solid conductors via push-in termination.

Inserting fine-stranded conductors via push-buttons, 250 Series – 3.5 mm pin spacing.

Conductor termination

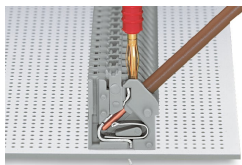


Space-saving wiring, 250 Series – 5 mm pin spacing.

Testing

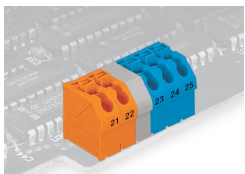


Testing with 11 mm Ø test pin, on the conductor, 250 Series – 2.5 ... 3.5 mm pin spacing.

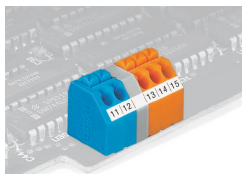


Testing with 2 mm Ø test plug, touch contact, 250 Series – 5 mm pin spacing.

Marking



Labeling via self-adhesive strips or direct marking. Mixed-color terminal strips (with or without spacer) are available upon request.



Labeling via self-adhesive strips or direct marking. Mixed-color terminal strips (with or without spacer) are available upon request.