

Fișă tehnică | Număr articol: 250-404/353-604

THR PCB terminal block; push-button; 0.5 mm<sup>2</sup>; Pin spacing 2.5 mm; 4-pole;  
Push-in CAGE CLAMP®; 0,50 mm<sup>2</sup>; black



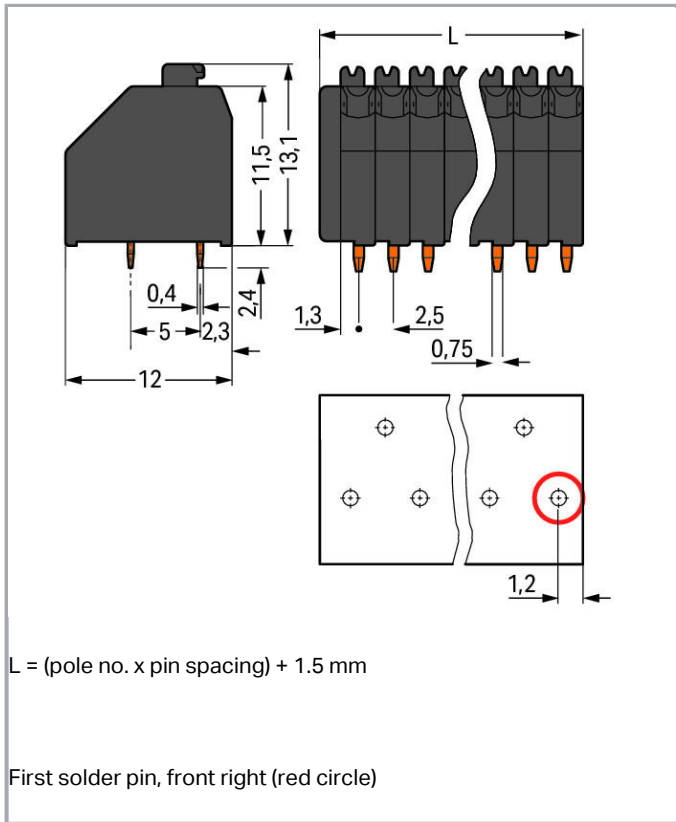
[www.wago.com/250-404/353-604](http://www.wago.com/250-404/353-604)



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Aveți întrebări despre produsele noastre?  
Vă stăm la dispoziție pentru preluarea apelului la +40 (0) 31 421 85 68.



## Descriere articol

- Cost-effective integration of high-temperature resistant THR terminal strips into SMT reflow soldering processes
- Push-in termination of solid and ferruled conductors
- Termination/removal of fine-stranded conductors via push-buttons
- 45° conductor entry angle provides easy, space-saving wiring

## Date

### Electrical data

### Ratings per IEC/EN 60664-1

Ratings per	IEC/EN 60664-1
Nominal voltage (III/3)	160 V
Rated surge voltage (III/3)	2,5 kV
Rated voltage (III/2)	160 V
Rated surge voltage (III/2)	2,5 kV
Nominal voltage (II/2)	250 V

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Rated surge voltage (II/2)	2,5 kV
Rated current	4 A
Legend (ratings)	(III / 2) $\triangleq$ Overvoltage category III / Pollution degree 2

**Approvals per UL 1059**

Rated voltage UL (Use Group B)	300 V
Rated current UL (Use Group B)	5 A
Rated voltage UL (Use Group D)	300 V
Rated current UL (Use Group D)	5 A
Approvals per	UL 1059

**Approvals per CSA**

Rated voltage CSA (Use Group B)	300 V
Rated current CSA (Use Group B)	5 A
Rated voltage CSA (Use Group D)	300 V
Rated current CSA (Use Group D)	5 A

**Connection data**

Connection technology	Push-in CAGE CLAMP®
Actuation type	Push-button
Solid conductor	0,14 ... 0,5 mm <sup>2</sup> / 24 ... 20 AWG
Fine-stranded conductor	0,2 ... 0,5 mm <sup>2</sup> / 24 ... 20 AWG
Conductor diameter	0,4 ... 0,8 mm
Strip length	8,5 ... 9,5 mm / 0.33 ... 0.37 inch
Conductor connection direction to PCB	45°
Pole No.	4
Total number of connection points	4
Number of connection types	1
Number of levels	1

**Geometrical Data**

Pin spacing	2,5 mm / 0.098 inch
Width	11,5 mm / 0.453 inch
Height	16,7 mm / 0.657 inch
Height from the surface	13,1 mm / 0.516 inch
Depth	12 mm / 0.472 inch

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Solder pin length	2,4 mm
Solder pin dimensions	0,4 x 0,75 mm
Plated through-hole diameter (THR)	1 <sup>(+0,1)</sup> mm

**PCB contact**

PCB contact	THR
Solder pin arrangement	over the entire terminal strip (staggered)
Number of solder pins per potential	1

**Material Data**

Color	black
Material group	III a
Insulation material	Polyamide 46 (PA 46)
Flammability class per UL94	V2
Clamping spring material	Copper alloy
Contact material	Electrolytic copper (E <sub>Cu</sub> )
Contact plating	tin-plated
Weight	2,1 g

**Environmental Requirements**

Limit temperature range	-60 ... +115 °C
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**Commercial data**

Packaging type	BOX
Country of origin	CH
GTIN	4055143945127
Customs tariff number	85369010000

**Counterpart****Produse compatibile****Marking accessories**

Nr. articol: 210-331/250-202

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Aveți întrebări despre produsele noastre?  
 Vă stăm la dispoziție pentru preluarea apelului la +40 (0) 31 421 85 68.

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 [www.wago.com/210-331/250-202](http://www.wago.com/210-331/250-202)

**Nr. articol: 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 [www.wago.com/210-331/250-204](http://www.wago.com/210-331/250-204)

**Nr. articol: 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 [www.wago.com/210-331/250-206](http://www.wago.com/210-331/250-206)

**Nr. articol: 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 [www.wago.com/210-331/250-207](http://www.wago.com/210-331/250-207)

**check****Nr. articol: 735-500**

Test pin; 1 mm Ø; with solder connection for test wire [www.wago.com/735-500](http://www.wago.com/735-500)

**tools****Nr. articol: 210-647**

Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft [www.wago.com/210-647](http://www.wago.com/210-647)

**Nr. articol: 210-719**

Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft [www.wago.com/210-719](http://www.wago.com/210-719)

**Descărcări****Documentation****Additional Information**

Technical explanations

Apr 3, 2019

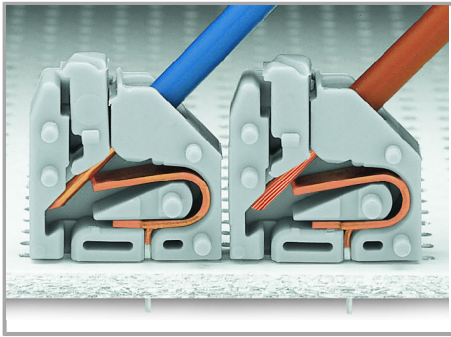
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Descărcare

**Installation Notes**

Conductor termination

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Inserting solid conductors via push-in termination.

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

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