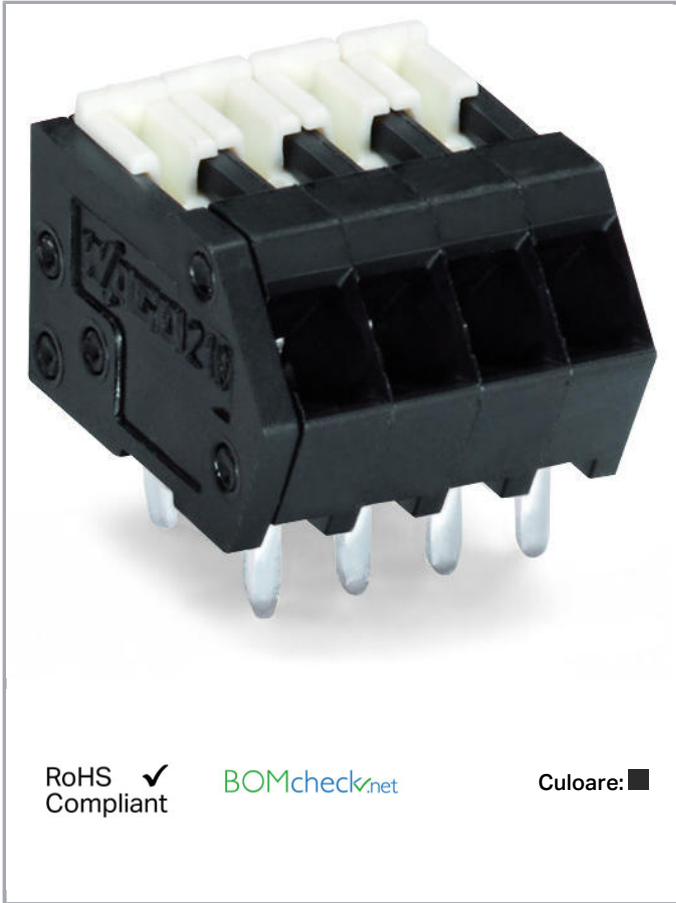


Fișă tehnică | Număr articol: 218-506/000-604

THR PCB terminal block; Locking slides; 0.5 mm<sup>2</sup>; Pin spacing 2.54 mm; 6-pole; CAGE CLAMP®; 0,50 mm<sup>2</sup>; black



[www.wago.com/218-506/000-604](http://www.wago.com/218-506/000-604)



RoHS  Compliant

BOMcheck.net

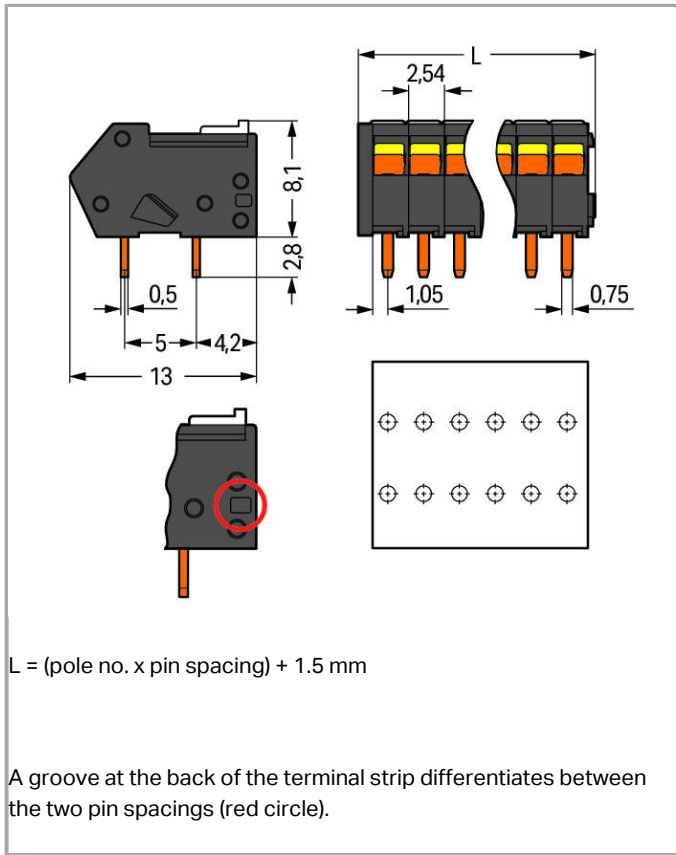
Culoare: ■



Supus modificărilor.

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/Representative Office Romania  
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building 1, 2nd floor | 077190 Voluntari, Ilfov  
Tel.: +40-(0)31 421 85 68 | Email: info-RO@wago.com

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



## Descriere articol

- Terminal strips are just 8.1 mm tall and feature an innovative, locking slide-actuated CAGE CLAMP®
- Several clamping units can be held open simultaneously
- Easily terminate stranded conductors in

tight spaces (e.g., bus connectors)

- THR soldering provides integration into SMT assembly and soldering processes

## Date

### Electrical data

### Ratings per IEC/EN 60664-1

| Ratings per                 | IEC/EN 60664-1 |
|-----------------------------|----------------|
| Nominal voltage (III/3)     | 32 V           |
| Rated surge voltage (III/3) | 2,5 kV         |

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|                             |   |
|-----------------------------|---|
| Rated voltage (III/2)       | 160 V   |
| Rated surge voltage (III/2) | 2,5 kV  |
| Nominal voltage (II/2)      | 320 V   |
| Rated surge voltage (II/2)  | 2,5 kV  |
| Rated current               | 6 A   |
| Legend (ratings)            | (III / 2) ≙ Overvoltage category III / Pollution degree 2 |

### Approvals per UL 1059

|               |         |
|---------------|---------|
| Approvals per | UL 1059 |
|---------------|---------|

### Connection data

|   |   |
|---|---|
| Connection technology                             | CAGE CLAMP®   |
| Actuation type                                    | Slider  |
| Solid conductor                                   | 0,08 ... 0,5 mm <sup>2</sup> / 28 ... 20 AWG  |
| Fine-stranded conductor                           | 0,08 ... 0,5 mm <sup>2</sup> / 28 ... 20 AWG  |
| Fine-stranded conductor; with insulated ferrule   | 0,25 mm <sup>2</sup>  |
| Fine-stranded conductor; with uninsulated ferrule | 0,25 mm <sup>2</sup>  |
| Strip length                                      | 5 ... 6 mm / 0.2 ... 0.24 inch  |
| Conductor connection direction to PCB             | 40°   |
| Pole No.  | 6   |
| Total number of connection points                 | 6   |
| Total number of potentials                        | 6   |
| Number of connection types                        | 1   |
| Number of levels                                  | 1   |
| Note (conductor cross-section)                    | Terminating 0.75 mm <sup>2</sup> /18 AWG conductors is possible; however insulation diameter allows only every other clamping unit to be terminated with this conductor size. |

### Geometrical Data

|                                    |                       |
|------------------------------------|-----------------------|
| Pin spacing                        | 2,54 mm / 0.1 inch    |
| Width                              | 16,74 mm / 0.659 inch |
| Height                             | 10,9 mm / 0.429 inch  |
| Height from the surface            | 8,1 mm / 0.319 inch   |
| Depth                              | 13 mm / 0.512 inch    |
| Solder pin length                  | 2,8 mm                |
| Solder pin dimensions              | 0,5 x 0,75 mm         |
| Plated through-hole diameter (THR) | 1,1 (+0,1) mm         |

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## PCB contact

|                                     |  |
|-------------------------------------|--|
| PCB contact                         | THR                                      |
| Solder pin arrangement              | over the entire terminal strip (in-line) |
| Number of solder pins per potential | 2  |

## Material Data

|                             |  |
|-----------------------------|--|
| Color                       | black                                  |
| Material group              | III a                                  |
| Insulation material         | Polyamide 46 (PA 46)                   |
| Flammability class per UL94 | V2                                     |
| Clamping spring material    | Chrome nickel spring steel (CrNi)      |
| Contact material            | Electrolytic copper (E <sub>Cu</sub> ) |
| Contact plating             | tin-plated                             |
| Fire load                   | 0,027 MJ                               |
| Weight                      | 2 g                                    |

## Environmental Requirements


|                         |                 |
|-------------------------|-----------------|
| Limit temperature range | -60 ... +115 °C |
|-------------------------|-----------------|

## Commercial data

|                       |                     |
|-----------------------|---------------------|
| Product Group         | 4 (Printed Circuit) |
| Packaging type        | BOX                 |
| Country of origin     | PL                  |
| GTIN                  | 4045454471941       |
| Customs tariff number | 85369010000         |

## Aprobări / certificate

### Country specific Approvals

| Embleă   | Aprobare                        | Text de aprobare suplimentar | Nume certificat |
|--|---------------------------------|------------------------------|-----------------|
|  | CSA<br>DEKRA Certification B.V. | C22.2 No. 158                | 1565656         |

Supus modificărilor.

## Counterpart

## Produse compatibile

## Marking accessories

|  |  |
|--|--|
| <b>Nr. articol: 210-331/254-202</b><br>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  | <a href="http://www.wago.com/210-331/254-202">www.wago.com/210-331/254-202</a> |
| <b>Nr. articol: 210-331/254-204</b><br>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 | <a href="http://www.wago.com/210-331/254-204">www.wago.com/210-331/254-204</a> |
| <b>Nr. articol: 210-331/254-206</b><br>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 | <a href="http://www.wago.com/210-331/254-206">www.wago.com/210-331/254-206</a> |
| <b>Nr. articol: 210-331/254-207</b><br>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  | <a href="http://www.wago.com/210-331/254-207">www.wago.com/210-331/254-207</a> |

## 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)

## ferrule

**Nr. articol: 216-131**Ferrule; Sleeve for 0.25 mm<sup>2</sup> / AWG 24; uninsulated; electro-tin plated[www.wago.com/216-131](http://www.wago.com/216-131)**Nr. articol: 216-151**Ferrule; Sleeve for 0.25 mm<sup>2</sup> / AWG 24; uninsulated; electro-tin plated[www.wago.com/216-151](http://www.wago.com/216-151)**Nr. articol: 216-301**Ferrule; Sleeve for 0.25 mm<sup>2</sup> / AWG 24; insulated; electro-tin plated; yellow[www.wago.com/216-301](http://www.wago.com/216-301)**Nr. articol: 216-321**Ferrule; Sleeve for 0.25 mm<sup>2</sup> / AWG 24; insulated; electro-tin plated; yellow[www.wago.com/216-321](http://www.wago.com/216-321)

## tools

**Nr. articol: 210-648**

Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft; angled; short

[www.wago.com/210-648](http://www.wago.com/210-648)**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)

Supus modificărilor.

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

|                        |             |               |            |
|------------------------|-------------|---------------|------------|
| Technical explanations | Apr 3, 2019 | pdf<br>3,6 MB | Descărcare |
|------------------------|-------------|---------------|------------|

**CAD/CAE-Data****CAD data**

|                              |     |            |
|------------------------------|-----|------------|
| 2D/3D Models 218-506/000-604 | URL | Descărcare |
|------------------------------|-----|------------|

**CAE data**

|                                   |     |            |
|-----------------------------------|-----|------------|
| EPLAN Data Portal 218-506/000-604 | URL | Descărcare |
|-----------------------------------|-----|------------|

**PCB Design**

|                                      |     |            |
|--------------------------------------|-----|------------|
| Symbol and Footprint 218-506/000-604 | URL | Descărcare |
|--------------------------------------|-----|------------|

CAX data for your PCB design, consisting of "schematic symbols and PCB footprints", allow easy integration of the WAGO component into your development environment.

**Supported formats:**

- Accel EDA 14 & 15
- Altium 6 to current version
- Cadence Allegro
- DesignSpark
- Eagle Libraries
- KiCad
- Mentor Graphics BoardStation
- Mentor Graphics Design Architect
- Mentor Graphics Design Expedition 99 and 2000
- OrCAD 9.X PCB and Capture
- PADS PowerPCB 3, 3.5, 4.X, and 5.X
- PADS PowerPCB and PowerLogic 3.0
- PCAD 2000, 2001, 2002, 2004, and 2006
- Pulsonix 8.5 or newer
- STL
- 3D STEP
- TARGET 3001!

—  
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- View Logic ViewDraw
- Quadcept
- Zuken CadStar 3 and 4
- Zuken CR-5000 and CR-8000

PCB Component Libraries (EDA), PCB CAD Library Ultra Librarian

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## Installation Notes

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