



**PCB terminal block; operating lever; 16 mm<sup>2</sup>; Pin spacing 10 mm; 5-pole; CAGE CLAMP®**

Item No.: 2716-105



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PCB terminal block; operating lever; 16 mm<sup>2</sup>; Pin spacing 10 mm; 5-pole; CAGE CLAMP®

## Marking

RoHS ✓  
Compliant

## Business data

|            |               |
|------------|---------------|
| Supplier   | WAGO          |
| Item no.   | 2716-105      |
| GTIN / EAN | 4045454739294 |
| Content    | 1             |
|            |               |
|            |               |

## Notes

*Item description: High-current terminal strips with lever-actuated CAGE CLAMP® Tool-free opening and closing – fingers open/close levers Several clamping units can be held open simultaneously – convenient for terminating multi-core cables Four solder pins per contact point for high mechanical stability 600V UL for 15mm pin spacing Pin and dimensions compatible to high-current, screw-type terminal blocks*

## Technical data

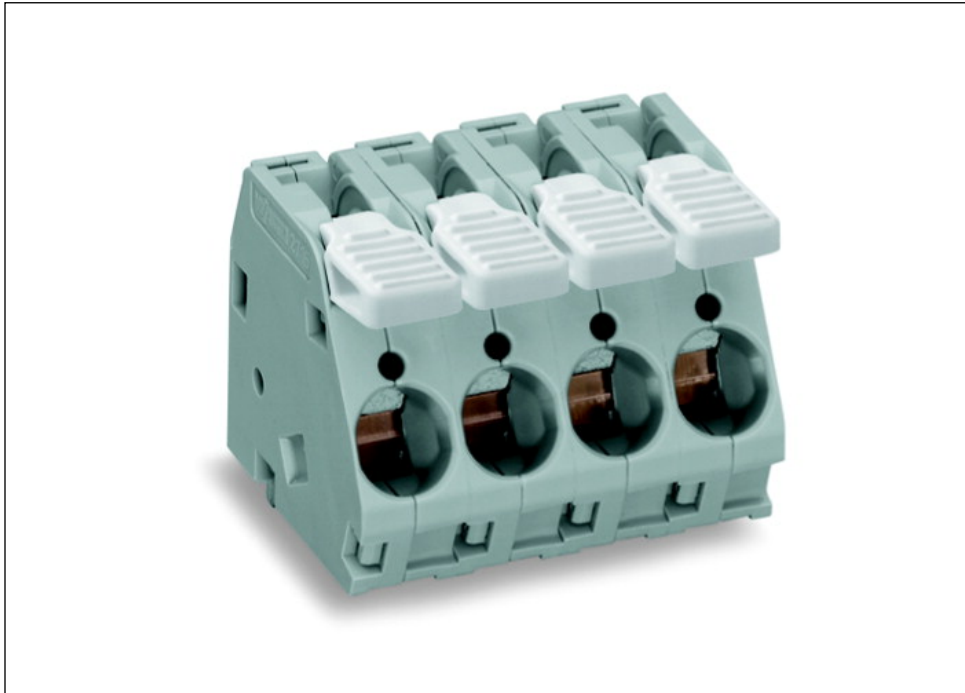
### Miscellaneous

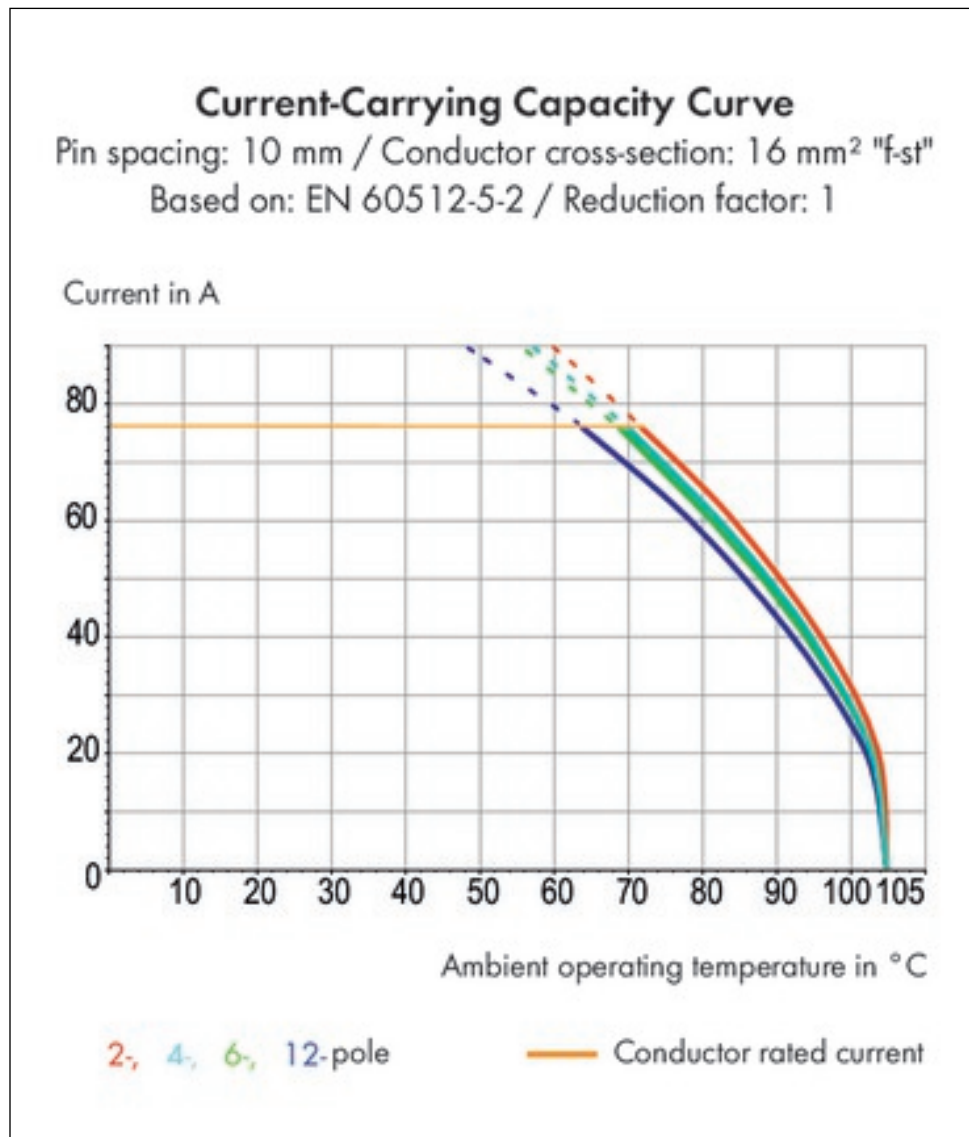
|                                               |                    |
|-----------------------------------------------|--------------------|
| Other versions (or variants) can be requested | Other pole numbers |
|                                               |                    |

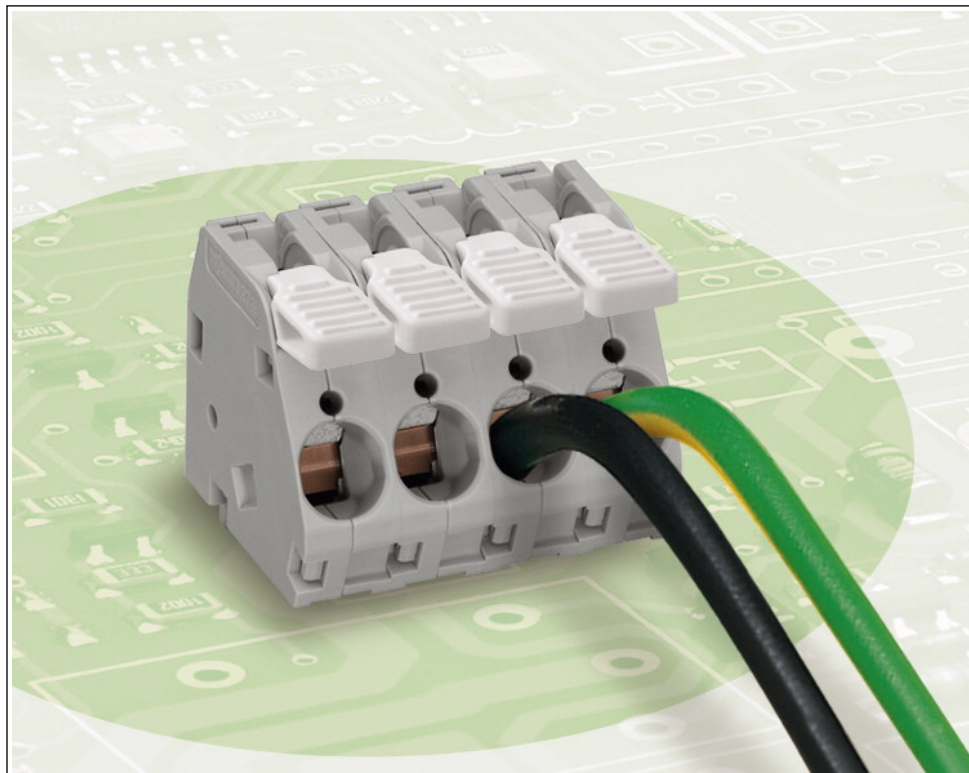
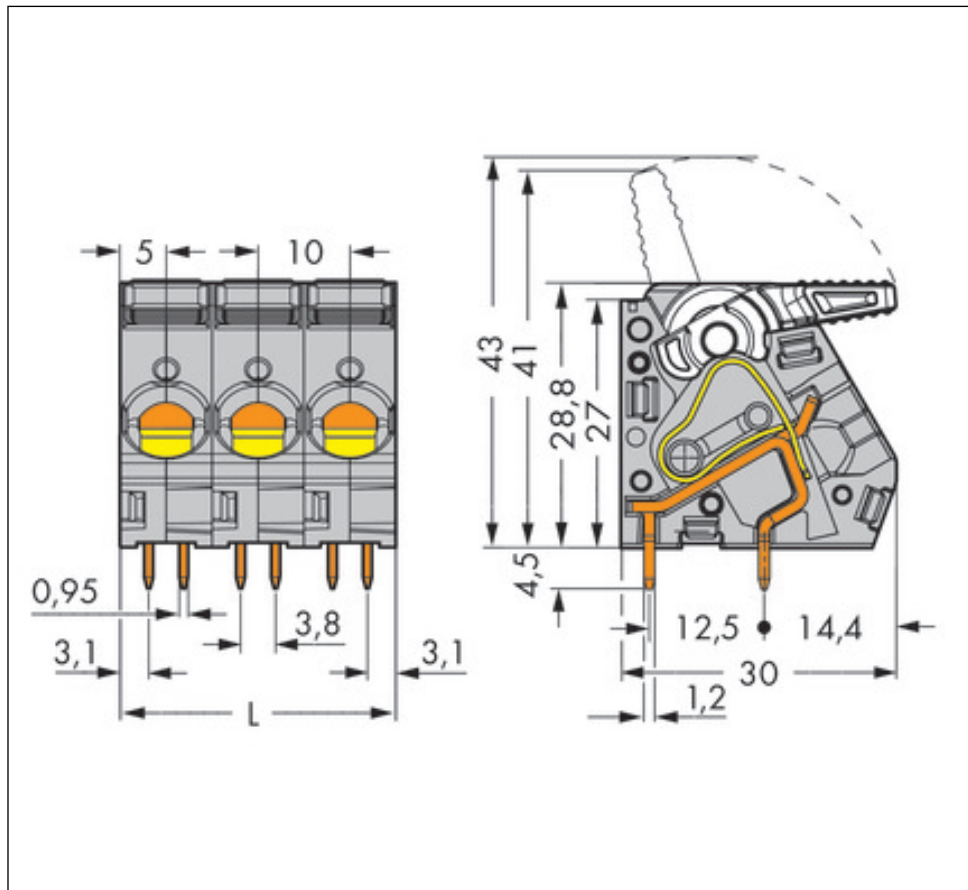
| Technical data                                                     |                                                                |
|--------------------------------------------------------------------|----------------------------------------------------------------|
| <i>Ratings per</i>                                                 | <i>IEC/EN 60664-1</i>                                          |
| <i>Rated voltage (III / 3) [V]</i>                                 | <i>320 [V]</i>                                                 |
| <i>Rated impulse voltage (III / 3) [kV]</i>                        | <i>4 [kV]</i>                                                  |
| <i>Rated voltage (III/2) [V]</i>                                   | <i>320 [V]</i>                                                 |
| <i>Rated impulse voltage (III / 2) [kV]</i>                        | <i>4 [kV]</i>                                                  |
| <i>Rated voltage (II / 2) [V]</i>                                  | <i>630 [V]</i>                                                 |
| <i>Rated impulse voltage (II / 2) [kV]</i>                         | <i>4 [kV]</i>                                                  |
| <i>Rated current [A]</i>                                           | <i>76 [A]</i>                                                  |
| <i>Legend (ratings)</i>                                            | <i>(III / 2) Overvoltage category III / Pollution degree 2</i> |
| <i>Approvals per</i>                                               | <i>UL 1059</i>                                                 |
| <i>Rated voltage UL (Use Group B) [V]</i>                          | <i>300 [V]</i>                                                 |
| <i>Rated current UL (Use Group B) [A]</i>                          | <i>55 [A]</i>                                                  |
| <i>Rated voltage UL (Use Group C) [V]</i>                          | <i>150 [V]</i>                                                 |
| <i>Rated current UL (Use Group C) [A]</i>                          | <i>55 [A]</i>                                                  |
| <i>Rated voltage UL (Use Group D) [V]</i>                          | <i>300 [V]</i>                                                 |
| <i>Rated current UL (Use Group D) [A]</i>                          | <i>10 [A]</i>                                                  |
| <i>No. of poles</i>                                                | <i>5</i>                                                       |
| <i>Total number of connection points</i>                           | <i>5</i>                                                       |
| <i>Total number of potentials</i>                                  | <i>5</i>                                                       |
| <i>Number of connection types</i>                                  | <i>1</i>                                                       |
| <i>Number of levels</i>                                            | <i>1</i>                                                       |
| <i>Connection technology</i>                                       | <i>CAGE CLAMP®</i>                                             |
| <i>Actuation type</i>                                              | <i>Operating lever</i>                                         |
| <i>Solid conductor</i>                                             | <i>1.5 ... 16 mm<sup>2</sup> / 16 ... 6 AWG</i>                |
| <i>Fine-stranded conductor</i>                                     | <i>1.5 ... 16 mm<sup>2</sup> / 16 ... 6 AWG</i>                |
| <i>Fine-stranded conductor with ferrule with plastic collar</i>    | <i>1.5 ... 10 mm<sup>2</sup></i>                               |
| <i>Fine-stranded conductor with ferrule without plastic collar</i> | <i>1.5 ... 10 mm<sup>2</sup></i>                               |
| <i>Strip length</i>                                                | <i>12 ... 13 mm / 0.47 ... 0.51 Inch</i>                       |
| <i>Conductor entry angle to the PCB [°]</i>                        | <i>30 [°]</i>                                                  |
| <i>Pin spacing</i>                                                 | <i>10 mm (0.394 in)</i>                                        |
| <i>Width</i>                                                       | <i>51.5 mm / 2.028 Inch</i>                                    |
| <i>Height</i>                                                      | <i>33.3 mm / 1.311 Inch</i>                                    |
| <i>Height from the surface</i>                                     | <i>28.8 mm / 1.134 Inch</i>                                    |
| <i>Depth</i>                                                       | <i>30 mm / 1.181 Inch</i>                                      |

| Technical data                                |                                                |
|-----------------------------------------------|------------------------------------------------|
| <i>Solder pin length [mm]</i>                 | <i>4.5 [mm]</i>                                |
| <i>Solder pin dimensions</i>                  | <i>0.95 x 1.2 mm</i>                           |
| <i>Drilled hole diameter (tolerance) [mm]</i> | <i>1.6(+ 0.1) [mm]</i>                         |
| <i>PCB contact</i>                            | <i>THT</i>                                     |
| <i>Solder pin arrangement</i>                 | <i>over the entire terminal strip, in line</i> |
| <i>Number of solder pins per potential</i>    | <i>4</i>                                       |
| <i>Color</i>                                  | <i>gray</i>                                    |
| <i>Material group</i>                         | <i>I</i>                                       |
| <i>Insulating material</i>                    | <i>Polyamide 66 (PA 66)</i>                    |
| <i>Flammability class per UL94</i>            | <i>V0</i>                                      |
| <i>Clamping spring material</i>               | <i>Chrome nickel spring steel (CrNi)</i>       |
| <i>Contact material</i>                       | <i>Electrolytic copper (Ecu)</i>               |
| <i>Contact plating</i>                        | <i>tin-plated</i>                              |
| <i>Fire load [MJ]</i>                         | <i>0.754 [MJ]</i>                              |
| <i>Weight [g]</i>                             | <i>44.645 [g]</i>                              |
| <i>Limit temperature range</i>                | <i>-60 ... 105 °C</i>                          |
| <i>Pin spacing from [in]</i>                  | <i>0.394 [in]</i>                              |
| <i>Pin spacing from [mm]</i>                  | <i>10 [mm]</i>                                 |
| <i>Main product function</i>                  | <i>PCB terminal block</i>                      |
| <i>Product type</i>                           | <i>PCB terminal blocks</i>                     |

## Images & drawings







**Address**

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Technische Änderungen und Irrtümer vorbehalten.