



PCB terminal block; Push-button; 1.5 mm²; Pin spacing 3.5 mm; 4-pole; Push-in CAGE CLAMP®

Item No.: 805-104



PCB terminal block; Push-button; 1.5 mm²; Pin spacing 3.5 mm; 4-pole; Push-in CAGE CLAMP®

Marking

RoHS ✓
 Compliant

Business data

| | |
|------------|---------------|
| Supplier | WAGO |
| Item no. | 805-104 |
| GTIN / EAN | 4045454731526 |
| Content | 1 |
| | |
| | |

Notes

Item description: Terminal strips with Push-in CAGE CLAMP® connection and push-button actuation Push-in termination of solid and ferruled, fine-stranded conductors Flush-mount push-buttons that close with minimal force for convenient termination/removal of fine-stranded conductors Convenient, tool-free operation Versions with/without test slots and spacers Versions available with custom internal commoning (factory assembly), e.g., commoning ground conductor

Technical data

Miscellaneous

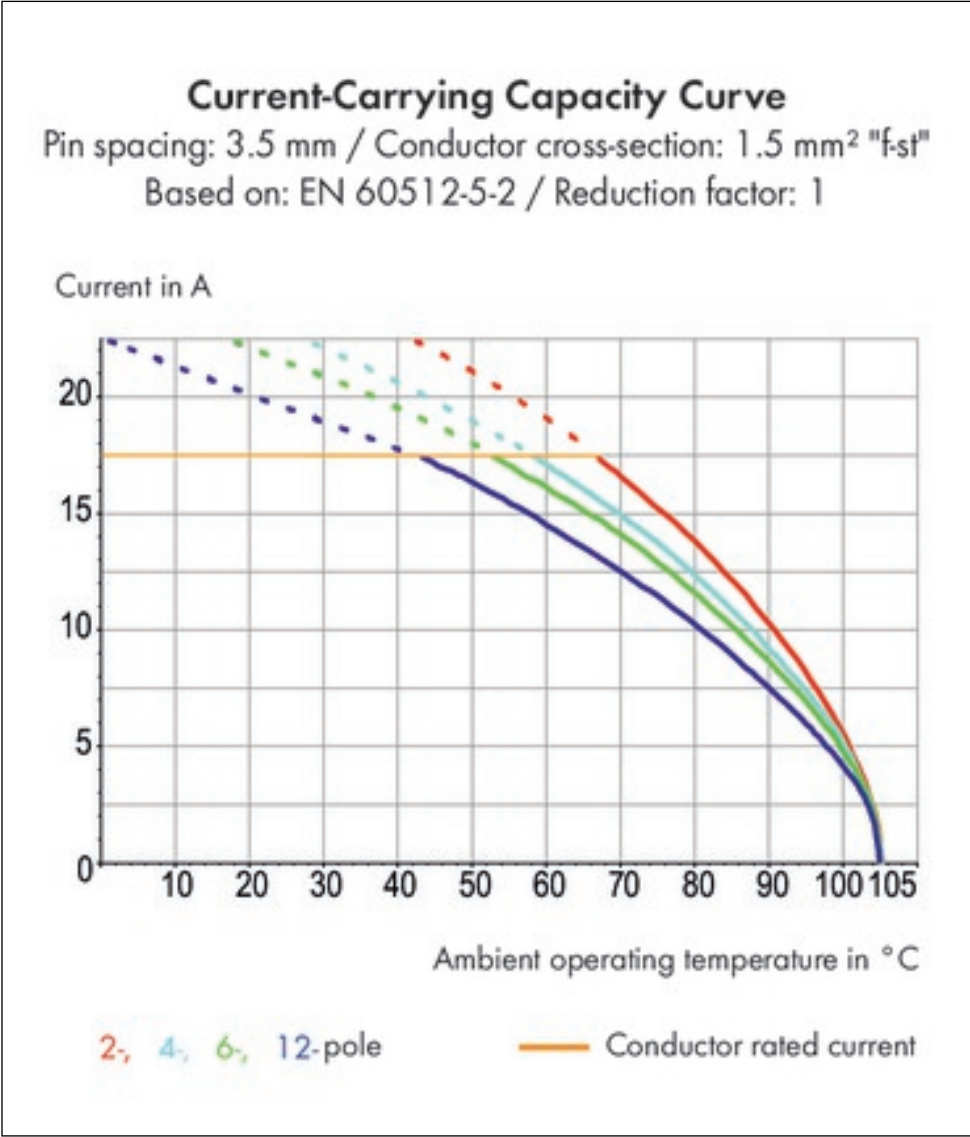
| | |
|---|--------------------|
| Other versions (or variants) can be requested | Other pole numbers |
|---|--------------------|

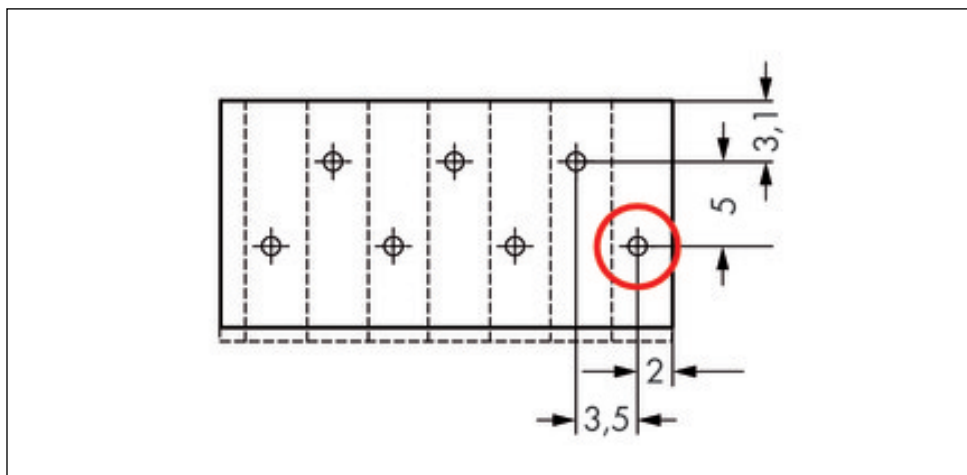
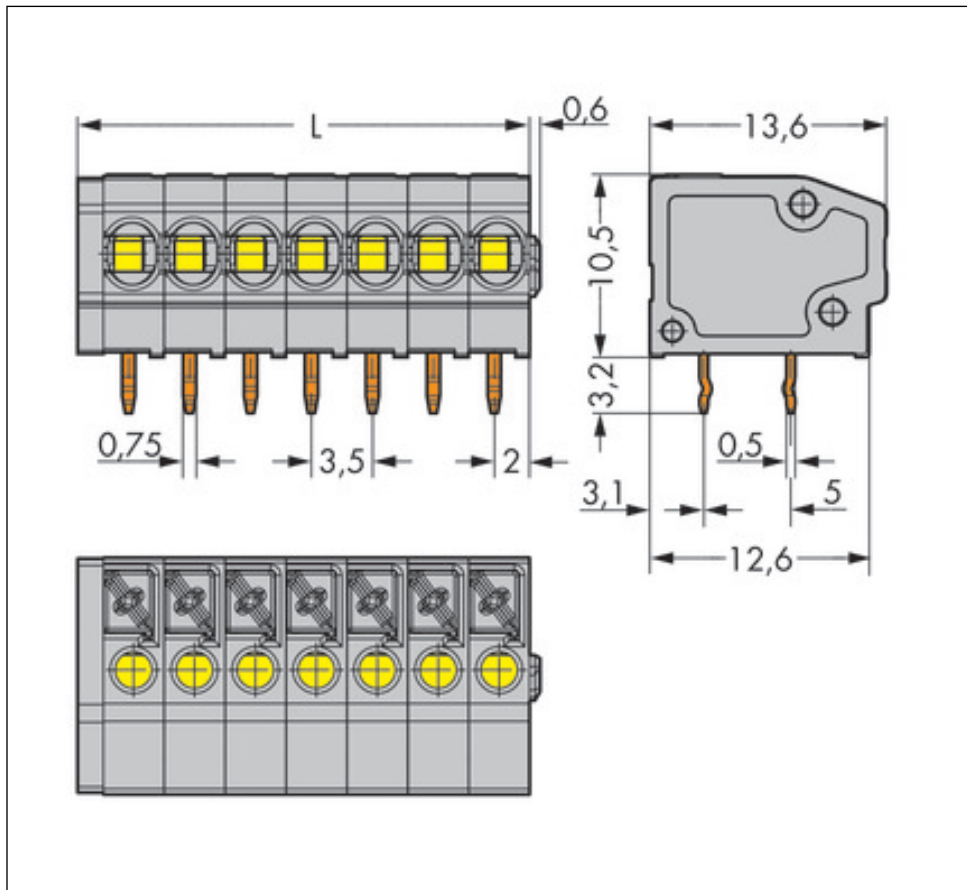
| Technical data | |
|--|--|
| <i>Ratings per</i> | <i>IEC/EN 60664-1</i> |
| <i>Rated voltage (III / 3) [V]</i> | <i>250 [V]</i> |
| <i>Rated impulse voltage (III / 3) [kV]</i> | <i>4 [kV]</i> |
| <i>Rated voltage (III/2) [V]</i> | <i>320 [V]</i> |
| <i>Rated impulse voltage (III / 2) [kV]</i> | <i>4 [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>17.5 [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>10 [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>10 [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>4</i> |
| <i>Total number of connection points</i> | <i>4</i> |
| <i>Total number of potentials</i> | <i>4</i> |
| <i>Number of connection types</i> | <i>1</i> |
| <i>Number of levels</i> | <i>1</i> |
| <i>Connection technology</i> | <i>Push-in CAGE CLAMP®</i> |
| <i>Actuation type</i> | <i>Operating lever</i> |
| <i>Solid conductor</i> | <i>0.2 ... 1.5 mm² / 24 ... 16 AWG</i> |
| <i>Fine-stranded conductor</i> | <i>0.2 ... 1.5 mm² / 24 ... 16 AWG</i> |
| <i>Fine-stranded conductor with ferrule with plastic collar</i> | <i>0.25 ... 1 mm²</i> |
| <i>Fine-stranded conductor with ferrule without plastic collar</i> | <i>0.25 ... 1 mm²</i> |
| <i>Strip length</i> | <i>9 ... 10 mm / 0.35 ... 0.39 Inch</i> |
| <i>Pin spacing</i> | <i>3.5 mm (0.138 in)</i> |
| <i>Width</i> | <i>15.5 mm / 0.61 Inch</i> |
| <i>Height</i> | <i>13.7 mm / 0.539 Inch</i> |
| <i>Height from the surface</i> | <i>10.5 mm / 0.413 Inch</i> |
| <i>Depth</i> | <i>13.6 mm / 0.535 Inch</i> |

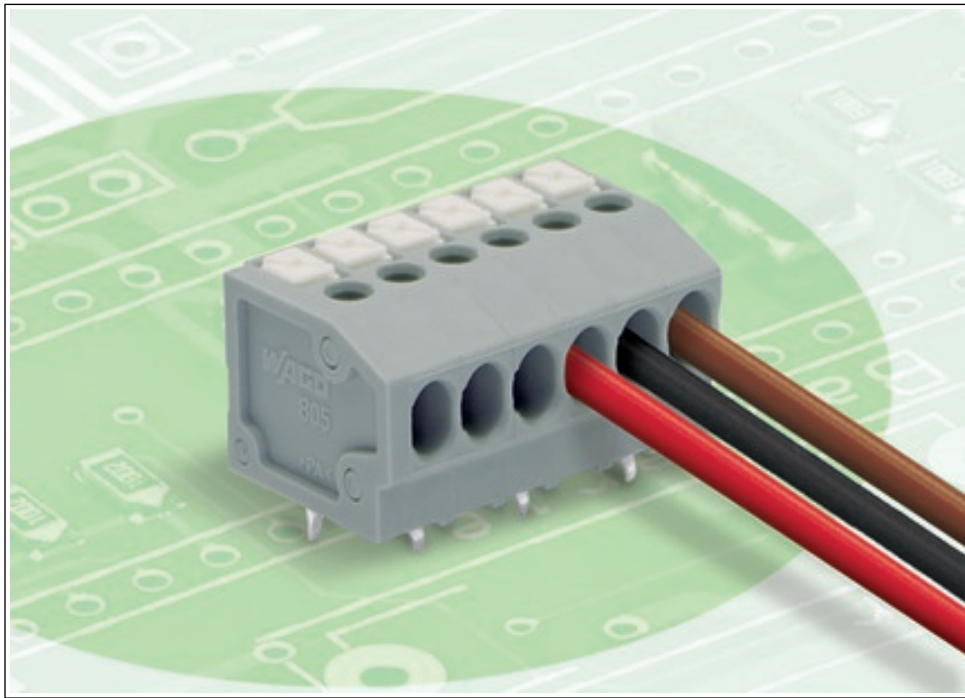
| Technical data | |
|---|--|
| <i>Solder pin length [mm]</i> | <i>3.2 [mm]</i> |
| <i>Solder pin dimensions</i> | <i>0.5 x 0.75 mm</i> |
| <i>Drilled hole diameter (tolerance) [mm]</i> | <i>1.1(+ 0.1) [mm]</i> |
| <i>PCB contact</i> | <i>THT</i> |
| <i>Solder pin arrangement</i> | <i>over the entire terminal strip, staggered</i> |
| <i>Number of solder pins per potential</i> | <i>2</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>0.041 [MJ]</i> |
| <i>Weight [g]</i> | <i>1.914 [g]</i> |
| <i>Limit temperature range</i> | <i>-60 ... 105 °C</i> |
| <i>Pin spacing from [in]</i> | <i>0.138 [in]</i> |
| <i>Pin spacing from [mm]</i> | <i>3.5 [mm]</i> |
| <i>Main product function</i> | <i>PCB terminal block</i> |
| <i>Product type</i> | <i>PCB terminal blocks</i> |

Images & drawings









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Technische Änderungen und Irrtümer vorbehalten.