

**Data sheet | Item number: 2606-1108/020-000**

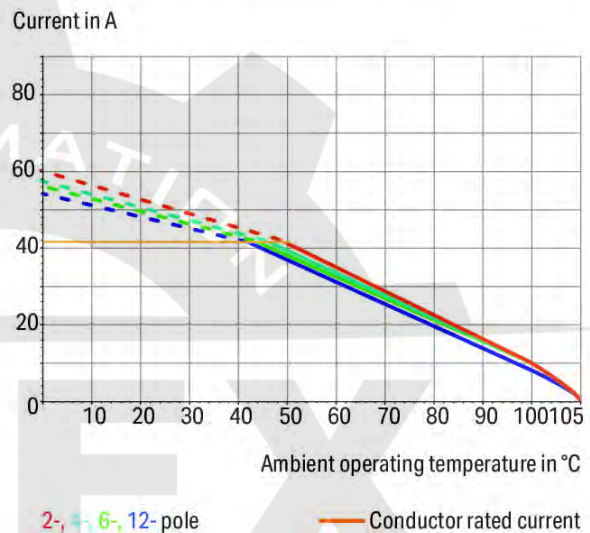
PCB terminal block; lever; 6 mm<sup>2</sup>; Pin spacing 7.5 mm; 8-pole; Push-in CAGE  
CLAMP®



2606-1108/020-000



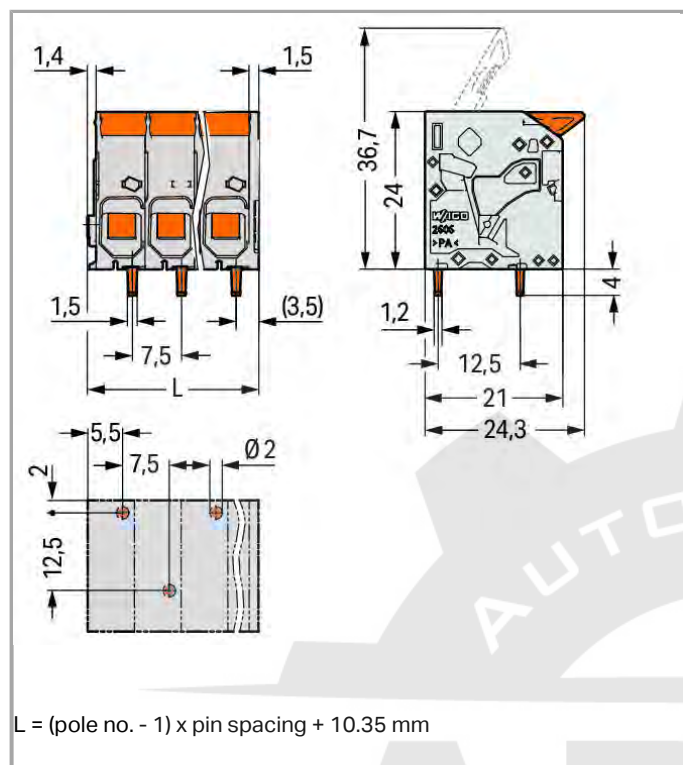
**Current-Carrying Capacity Curve**  
Pin spacing: 7,5 mm / Conductor cross-section: 6 mm<sup>2</sup> "f-st"  
Based on: EN 60512-5-2 / Reduction factor: 1



RoHS Compliant

BOMcheck.net

Color:



## Item description

- PCB terminal blocks with lever-actuated Push-in CAGE CLAMP® connection
- Push-in termination of solid and ferruled conductors
- Intuitive and tool-free operation
- Several clamping units can be held open simultaneously – convenient for terminating multi-core cables
- Testing can be performed both parallel and perpendicular to conductor entry

## Data

### Electrical data

#### Ratings per IEC/EN 60664-1

|                                 |        |
|---------------------------------|--------|
| Rated voltage (III / 3)         | 800 V  |
| Rated impulse voltage (III / 3) | 8 kV   |
| Rated voltage (III / 2)         | 1000 V |
| Rated impulse voltage (III / 2) | 8 kV   |
| Rated voltage (II / 2)          | 1000 V |
| Rated impulse voltage (II / 2)  | 8 kV   |
| Rated current                   | 41 A   |

## Approvals per UL 1059

|                                |       |
|--------------------------------|-------|
| Rated voltage UL (Use Group B) | 600 V |
| Rated current UL (Use Group B) | 31 A  |
| Rated voltage UL (Use Group C) | 600 V |
| Rated current UL (Use Group C) | 31 A  |

## Connection data

|                                                             |                                   |
|-------------------------------------------------------------|-----------------------------------|
| Connection technology                                       | Push-in CAGE CLAMP®               |
| Actuation type                                              | Lever                             |
| Solid conductor                                             | 0.2 ... 10 mm² / 24 ... 8 AWG     |
| Fine-stranded conductor                                     | 0.2 ... 10 mm² / 24 ... 8 AWG     |
| Fine-stranded conductor with ferrule with plastic collar    | 0.25 ... 6 mm²                    |
| Fine-stranded conductor with ferrule without plastic collar | 0.25 ... 6 mm²                    |
| Fine-stranded conductor, with twin ferrule                  | 0.25 ... 2.5 mm²                  |
| Strip length                                                | 11 ... 13 mm / 0.43 ... 0.51 inch |
| Conductor entry angle to the PCB                            | 0°                                |
| No. of poles                                                | 8                                 |
| Total number of connection points                           | 8                                 |
| Total number of potentials                                  | 8                                 |
| Number of connection types                                  | 1                                 |
| Number of levels                                            | 1                                 |

## Geometrical Data

|                                   |                              |
|-----------------------------------|------------------------------|
| Pin spacing                       | 7.5 mm / 0.295 inch          |
| Width                             | 62.85 mm / 2.474 inch        |
| Height                            | 28 mm / 1.102 inch           |
| Height from the surface           | 24 mm / 0.945 inch           |
| Depth                             | 24.3 mm / 0.957 inch         |
| Solder pin length                 | 4 mm                         |
| Solder pin dimensions             | 1.5 x 1.2 mm                 |
| Drilled hole diameter (tolerance) | 2 <sup>(- ... +0.1)</sup> mm |

## PCB contact

|                                     |                                           |
|-------------------------------------|-------------------------------------------|
| PCB contact                         | THT                                       |
| Solder pin arrangement              | over the entire terminal strip, staggered |
| Number of solder pins per potential | 1                                         |

## Material Data

|                             |                                        |
|-----------------------------|----------------------------------------|
| Color                       | gray                                   |
| Material group              | I                                      |
| Insulating material         | Polyamide 66 (PA 66)                   |
| Flammability class per UL94 | V0                                     |
| Clamping spring material    | Chrome nickel spring steel (CrNi)      |
| Contact material            | Electrolytic copper (E <sub>Cu</sub> ) |
| Contact plating             | tin-plated                             |
| Fire load                   | 0 MJ                                   |
| Actuating element color     | orange                                 |
| Weight                      | 30.399 g                               |

## Environmental Requirements

|                         |                 |
|-------------------------|-----------------|
| Limit temperature range | -60 ... +105 °C |
|-------------------------|-----------------|

## Commercial data

|                    |               |
|--------------------|---------------|
| Country of origin  | DE            |
| GTIN               | 4055143586474 |
| Customs Tariff No. | 85369010000   |

## Approvals / Certificates

### Country specific Approvals

| Logo                                                                               | Approval                                     | Additional Approval Text | Certificate name |
|------------------------------------------------------------------------------------|----------------------------------------------|--------------------------|------------------|
|                                                                                    | <b>CB</b><br>DEKRA Certification B.V.        | IEC 60947-7-4            | NL 49487 /M1     |
|  | <b>CSA</b><br>DEKRA Certification B.V.       | C22.2 No. 158            | 70146882         |
|  | <b>KEMA/KEUR</b><br>DEKRA Certification B.V. | EN 60947-7-4             | 71-103042        |

### UL-Approvals

| Logo                                                                               | Approval                                       | Additional Approval Text | Certificate name  |
|------------------------------------------------------------------------------------|------------------------------------------------|--------------------------|-------------------|
|  | <b>cULus</b><br>Underwriters Laboratories Inc. | UL 1059                  | E45172<br>Sec. 72 |

## Compatible products

### ferrule

|                                                                                  |                                                                                                                                                                                     |         |
|----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
|  | <b>Item no.: 216-108</b><br>Ferrule; Sleeve for 6 mm <sup>2</sup> / AWG 10; uninsulated; electro-tin plated                                                                         | 216-108 |
|  | <b>Item no.: 216-208</b><br>Ferrule; Sleeve for 6 mm <sup>2</sup> / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90   | 216-208 |
|  | <b>Item no.: 216-263</b><br>Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90   | 216-263 |
|  | <b>Item no.: 216-264</b><br>Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90 | 216-264 |
|  | <b>Item no.: 216-266</b><br>Ferrule; Sleeve for 2.5 mm <sup>2</sup> / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90 | 216-266 |
|  | <b>Item no.: 216-267</b><br>Ferrule; Sleeve for 4 mm <sup>2</sup> / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90   | 216-267 |

## Downloads

### Documentation

#### Additional Information

pdf Download  
3.6 MB

## CAD/CAE - Smart Data

### CAD data

3D Download 2606-1108/020-000 URL Download

Subject to changes.