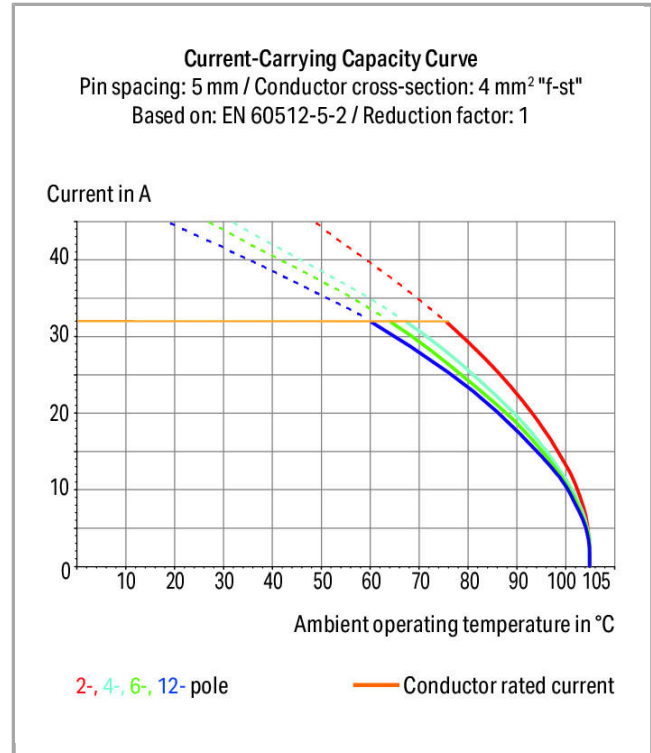
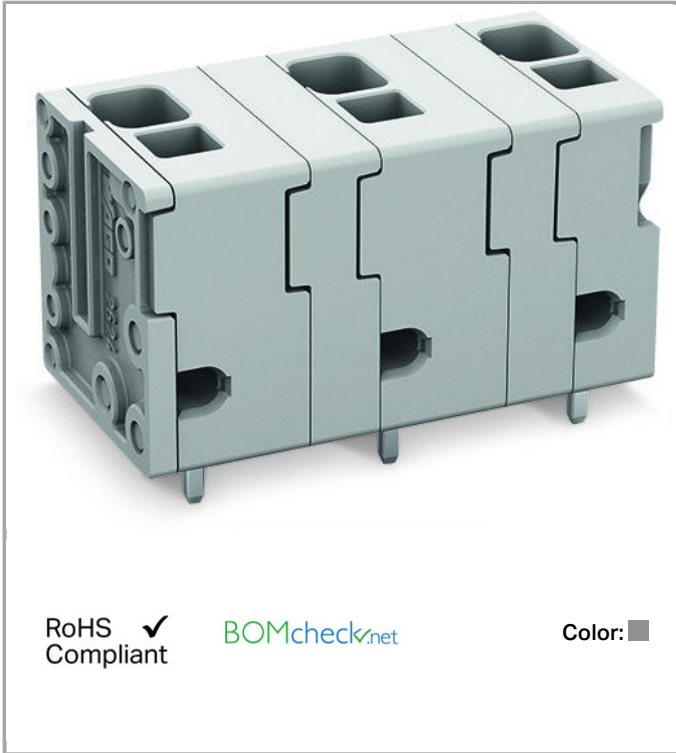


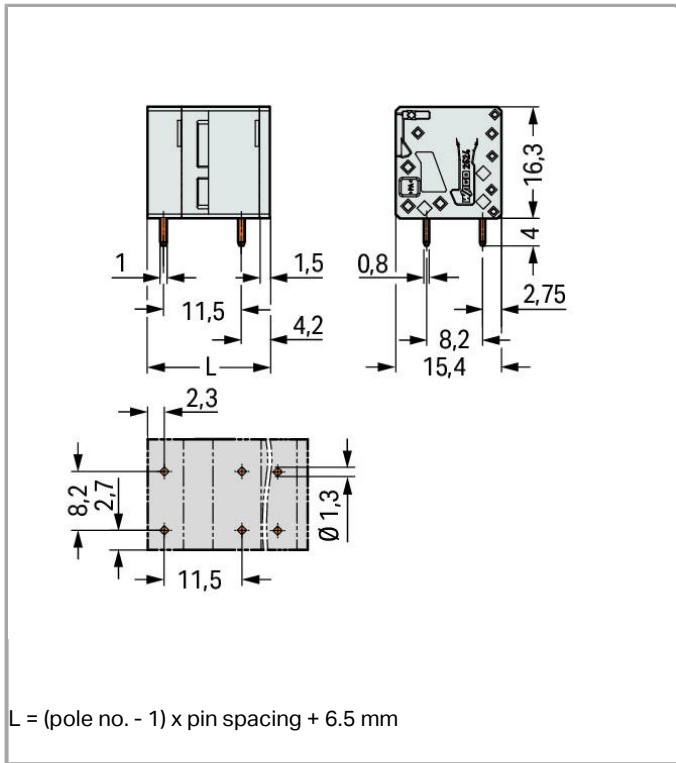
Data sheet | Item number: 2624-3508

PCB terminal block; 4 mm²; Pin spacing 11.5 mm; 8-pole; Push-in CAGE CLAMP®



2624-3508





Item description

- PCB terminal blocks with Push-in CAGE CLAMP® connection
- Push-in termination of solid and ferruled conductors
- Ideal for panel feedthrough applications via operation parallel to conductor entry
- Testing can be performed both parallel and perpendicular to conductor entry

Data

Electrical data

Ratings per IEC/EN 60664-1

| | |
|---------------------------------|--------|
| Rated voltage (III / 3) | 1000 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) | 26 A |
| Rated voltage UL (Use Group C) | 600 V |
| Rated current UL (Use Group C) | 26 A |

Connection data

| | |
|---|---|
| Connection technology | Push-in CAGE CLAMP® |
| Actuation type | Operating tool |
| Solid conductor | 0.2 ... 6 mm ² / 24 ... 10 AWG |
| Fine-stranded conductor | 0.2 ... 6 mm ² / 24 ... 10 AWG |
| Fine-stranded conductor with ferrule with plastic collar | 0.25 ... 2.5 mm ² |
| Fine-stranded conductor with ferrule without plastic collar | 0.25 ... 2.5 mm ² |
| Fine-stranded conductor, with twin ferrule | 0.25 ... 1.5 mm ² |
| Strip length | 10 ... 12 mm / 0.39 ... 0.47 inch |
| Conductor entry angle to the PCB | 90° |
| 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 | 11.5 mm / 0.453 inch |
| Width | 87 mm / 3.425 inch |
| Height | 20.3 mm / 0.799 inch |
| Height from the surface | 16.3 mm / 0.642 inch |
| Depth | 15.4 mm / 0.606 inch |
| Solder pin length | 4 mm |
| Solder pin dimensions | 0.8 x 1 mm |
| Drilled hole diameter (tolerance) | 1.3 ^(- ... +0.1) mm |

Mechanical data

| | |
|------------------|-----------------------|
| Type of mounting | Feed-through mounting |
|------------------|-----------------------|

PCB contact

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

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 _{Cu}) |
| Contact plating | tin-plated |
| Fire load | 0MJ |
| Weight | 19.112 g |

Environmental Requirements



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

Commercial data


| | |
|--------------------|---------------|
| Country of origin | DE |
| GTIN | 4055143579681 |
| Customs Tariff No. | 85369010000 |

Approvals / Certificates

Country specific Approvals

| Logo | Approval | Additional Approval Text | Certificate name |
|--|--|--------------------------|------------------|
| | CB DEKRA Certification B.V. | EN 60947-7-4 | NL-47057 |
|  | CSA DEKRA Certification B.V. | C22.2 No. 158 | 70117145 |
|  | KEMA/KEUR DEKRA Certification B.V. | EN 60947-7-4 | 71- 100535 |

UL-Approvals

| Logo | Approval | Additional Approval Text | Certificate name |
|--|--|--------------------------|-------------------|
|  | cURus Underwriters Laboratories Inc. | UL 1059 | E45172 sec. 71 |

Compatible products

tools



Item no.: 210-720
Operating tool with partially insulated shaft; Type 2, blade (3.5 x 0.5) mm

210-720

ferrule



Item no.: 216-106
Ferrule; Sleeve for 2.5 mm² / AWG 14; uninsulated; electro-tin plated

216-106



Item no.: 216-241
Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90

216-241



Item no.: 216-242
Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90

216-242



Item no.: 216-243
Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90

216-243



Item no.: 216-244
Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90

216-244



Item no.: 216-246
Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90

216-246



Item no.: 216-262
Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90

216-262



Item no.: 216-263
Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90

216-263



Item no.: 216-264
Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90

216-264



Item no.: 216-266
Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90

216-266

Downloads

Documentation

Additional Information

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3.6 MB

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CAD/CAE - Smart Data

CAD data



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Subject to changes.
