

**Multipin terminal strip
BK 12 CRN**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com



Multi-pole terminal strips have been part of the Weidmüller portfolio for many years. The terminal rails can be screwed directly to the housing. A retightening of the clamping screw when setting the wire is not needed with these terminals. The terminal strips are available in the materials KRG and PA and with different connection systems.

General ordering data

| | |
|------------|--|
| Type | BK 12 CRN |
| Order No. | 0625320000 |
| Version | Multipin terminal strip, Single- and multi-pole terminal strip, Rated cross-section: 4 mm ² , Screw connection, Direct mounting |
| GTIN (EAN) | 4008190156541 |
| Qty. | 25 pc(s). |

Multipin terminal strip BK 12 CRN

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Technische Daten

Dimensions and weights

| | | | |
|------------|---------|--------------------------|-------|
| Length | 92 mm | Width | 22 mm |
| Height | 20 mm | Height of lowest version | 20 mm |
| Net weight | 73.52 g | | |

Temperatures

| | | | |
|----------------------------------|--------|----------------------------------|--------|
| Operating temperature | | Storage temperature | |
| Continuous operating temp., min. | -60 °C | Continuous operating temp., max. | 130 °C |

Additional technical data

| | | | |
|--------------------------|-----------------|---------------------|------------------------|
| Explosion-tested version | No | Installation advice | Direct mounting |
| Type of mounting | Direct mounting | Version | For the mounting rails |

CSA ratings data

| | | | |
|-------------------------------|----------------|-------------------------------|--------|
| Certificate No. (CSA) | 200039-2165696 | Voltage size B (CSA) | 300 V |
| Voltage size D (CSA) | 300 V | Current size B (CSA) | 10 A |
| Current size D (CSA) | 10 A | Wire cross section max. (CSA) | 12 AWG |
| Wire cross section min. (CSA) | 22 AWG | | |

Clampable wires (rated connection)

| | | | |
|---|---------------------|---|----------------------|
| Type of connection | Screw connection | Stripping length | 8 mm |
| Blade size | 4.0 x 0.8 mm | Connection direction | on side |
| Number of connections | 24 | Clamping range, rated connection, min. | 0.33 mm ² |
| Clamping range, rated connection, max. | 4 mm ² | Clamping screw | M 3 |
| Tightening torque, min. | 0.5 Nm | Tightening torque, max. | 0.6 Nm |
| Torque level with DMS electric screwdriver | 2 | Gauge to IEC 60947-1 | A3 |
| Wire connection cross section, solid core, max. rated connection | 0.5 mm ² | Wire connection cross section, solid core max. rated connection | 4 mm ² |
| Wire connection cross section, stranded, rated connection, min. | 1.5 mm ² | Wire connection cross section, stranded, rated connection, max. | 4 mm ² |
| Wire connection cross section, finely stranded, max. | 4 mm ² | Wire connection cross-section, finely stranded, min. | 0.5 mm ² |
| Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min. | 0.5 mm ² | Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max. | 4 mm ² |
| Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min. | 0.5 mm ² | Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max. | 4 mm ² |
| Wire connection cross section AWG, min. | AWG 22 | Wire connection cross section AWG, max. | AWG 12 |

Rated data

| | | | |
|---------------------------------|-------------------|---------------|---------------|
| Rated cross-section | 4 mm ² | Rated voltage | 400 V |
| Rated impulse withstand voltage | 6 kV | Rated current | 32 A |
| Current at maximum wires | 32 A | Standards | IEC 60947-7-1 |
| Pollution severity | 3 | | |

Datenblatt

**Multipin terminal strip
BK 12 CRN**

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Technische Daten

UL ratings data

| | | | |
|---|--------|---|--------|
| Certificate No. (UR) | E60693 | Voltage size B (UR) | 250 V |
| Voltage size C (UR) | 150 V | Voltage size D (UR) | 300 V |
| Current size B (UR) | 20 A | Current size C (UR) | 20 A |
| Current size D (UR) | 10 A | Conductor size Factory wiring max. (UR) | 12 AWG |
| Conductor size Factory wiring min. (UR) | 26 AWG | Conductor size Field wiring max. (UR) | 12 AWG |

Material data

| | | | |
|---------------------------|-----|--------|---------------|
| Material | KrG | Colour | Medium Yellow |
| UL 94 flammability rating | 5VA | | |

System specifications

| | | | |
|--------------------------|-------------------------|-----------------------|------------------|
| Product family | Multipin terminal strip | Type of connection | Screw connection |
| Connection direction | on side | Number of connections | 24 |
| End cover plate required | No | | |

Classifications

| | | | |
|------------|-------------|------------|-------------|
| ETIM 3.0 | EC001284 | UNSPSC | 30-21-18-11 |
| eClass 5.1 | 27-14-11-06 | eClass 6.2 | 27-14-11-06 |
| eClass 7.1 | 27-14-11-06 | | |

Product information

| | |
|---------------------------------|--|
| Descriptive text technical data | Two solid (single-core) conductors of equal cross-section (0.5 ... 1.5 mm ²) can be connected. |
|---------------------------------|--|

Approvals

Approvals



| | |
|------|---------|
| ROHS | Conform |
|------|---------|