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# DOUBLE DECK TERMINALS - RKD 2.5-4MM²

Double Deck Screw Terminals - RKD, RKDG

2438.2
RKD 4/LED4(RD)/24V DC, 4mm² Double deck with LED, 24V dc, multi-foot



- Screw cross connectors
- Temperature resistance -40 ºC...+105 ºC
- Polyamide 6.6 UL94-V2
- Same level screw option
- Versions with electronic components fitted

### PRODUCT DESCRIPTION

The CONTA-CLIP RKD double-deck terminal blocks (2.5 mm² & 4 mm²) are designed for compact yet powerful wiring in control panels. These screw-connection rail-mount terminals are built from flame-retardant polyamide 6.6 (UL94-V2) and withstand operating temperatures from –40 °C to +105 °C. They feature dual-level, dual-circuit configurations—two conductors per level—allowing up to four conductors per 5 mm block width. Rated 500 V, 24 A (IEC) / 20 A (CSA/UL), and overvoltage category III, they support solid, stranded wires up to 4 mm² (AWG 14) or ferrules to 2.5 mm². Connection is via M2.5 slotted screws with 0.4–0.8 Nm torque, and 7 mm stripping length, offering secure, test-and-linking capabilities while accommodating cross-connect channels and pick-off points.
In real-world installations, these RKD blocks are ideal for junctions where space is tight—such as next to cable ducts or inside compact boxes—thanks to their slim 5 mm footprint and top-entry slots. Their modular design (mounted on TS 35/7.5 rails) simplifies adding/removing conductors and testing circuits. They are particularly suited to power distribution, control and automation systems, or any application requiring high-density, reliable wiring with easy access for maintenance. Approvals like KEMA-KEUR, CSA, UL 1059, and EAC ensure compliance in industrial environments, making the RKD series a robust choice for professional panel builders.

# TECHNICAL DATA

## GENERAL DATA

| | |
|---|---|
| **Rated wire cross section** | 4 mm² |
| **Colour** | Beige |
| **Rated voltage** | 24 V DC |
| **Rated current IEC** | 10 A |
| **Mounting** | TS 35 |
| **Rated impulse voltage** | 6 kV |
| **Overvoltage category** | III |
| **Contamination degree** | 3 |
| **Approvals** | UL, CSA, GL, KEMA KUR, EAC |
| **Additional information** | with LED status display |

## DIMENSIONS

| | |
|---|---|
| **Length** | 60.2 mm |

| | |
|---|---|
| **Width** | 6 mm |
| **Height TS 35/7.5** | 61 mm |
| **Height TS 32** | 65.5 mm |

## CONNECTION DATA

| | |
|---|---|
| **Number of levels** | 2 |
| **Plug gauge acc. EN 60 947-1** | A4 |
| **Cross connect channels** | 2 |
| **Cross section single wire from** | 0.2 mm² |
| **Cross section single wire to** | 4 mm² |
| **Cross section stranded wire from** | 0.2 mm² |
| **Cross section stranded wire to** | 4 mm² |
| **Cross section stranded with ferrule from** | 0.2 mm² |
| **Cross section stranded with ferrule to** | 4 mm² |
| **Rated wire cross section from (AWG)** | 22 |
| **Rated wire cross section to (AWG)** | 12 |
| **Stripping length** | 9 mm |
| **Screw size** | M 3 |
| **Screw type** | Slotted |
| **Torque min** | 0.5 |
| **Torque max** | 1 |

## MATERIALS

| | |
|---|---|
| **Insulation material** | Polyamide 6.6 |
| **Flammability class** | UL94-V2 |
| **Operating temperature from** | -40 °C |
| **Operating temperature to** | 105 °C |

## APPROVALS

| | |
|---|---|
| **UL test standard** | UL 1059 |
| **Rated voltage CSA** | 300 V |
| **Rated current CSA** | 25 A |
| **CSA test standard** | C22.2 No 158 |
| **GL test standard** | IEC 60947-7-1:2002 |
| **EAC test standard** | TR ZU 004/2011 |
| **KEMA KEUR test standard** | EN 60947-7-1:2009 |

## ADDITIONAL DATA

| | |
|---|---|
| **Tariff code** | 85369010 |
| **Country of origin** | BG |
| **Weight** | 13.57 g |
| **Pack size** | 100 |
| **Type of terminal** | Screw Terminals, DIN Rail terminals |