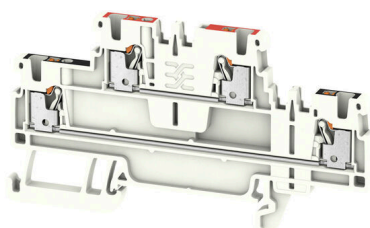


**A2T 1.5 KNX RD-BK****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Product image**

The Klippon® Connect KNX-terminal blocks provide the wiring of the main and reserve leads for KNX Bus wiring systems within a 7 mm combined block width. At each level, a double cross-connection point yields quick and easy distribution of the potential within the terminal.

**General ordering data**

|            |                                                                                                                                     |
|------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Version    | Multi-tier modular terminal, PUSH IN, white, 1.5 mm <sup>2</sup> , 500 V, Number of connections: 2, Number of levels: 1, TS 35, V-0 |
| Order No.  | <a href="#">2652200000</a>                                                                                                          |
| Type       | A2T 1.5 KNX RD-BK                                                                                                                   |
| GTIN (EAN) | 4050118658613                                                                                                                       |
| Qty.       | 50 items                                                                                                                            |

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## Technical data

## Approvals

Approvals



|                           |                            |
|---------------------------|----------------------------|
| ROHS                      | Conform                    |
| UL File Number Search     | <a href="#">UL Website</a> |
| Certificate No. (cURusEX) | E184763                    |

## Dimensions and weights

|                          |             |                |             |
|--------------------------|-------------|----------------|-------------|
| Depth                    | 45 mm       | Depth (inches) | 1.7716 inch |
| Depth including DIN rail | 34 mm       | Height         | 84 mm       |
| Height (inches)          | 3.3071 inch | Width          | 3.5 mm      |
| Width (inches)           | 0.1378 inch | Net weight     | 8.23 g      |

## Temperatures

|                                  |                |                                  |                |
|----------------------------------|----------------|----------------------------------|----------------|
| Storage temperature              | -25 °C...55 °C | Ambient temperature              | -60 °C...85 °C |
| Continuous operating temp., min. | -60 °C         | Continuous operating temp., max. | 130 °C         |

## Environmental Product Compliance

|                          |                                 |
|--------------------------|---------------------------------|
| RoHS Compliance Status   | Compliant without exemption     |
| REACH SVHC               | No SVHC above 0.1 wt%           |
| Product Carbon Footprint | Cradle to gate 0.136 kg CO2 eq. |

## Material data

|                                |        |                           |       |
|--------------------------------|--------|---------------------------|-------|
| Basic material                 | Wemid  | Colour                    | white |
| Colour of operational elements | orange | UL 94 flammability rating | V-0   |

## Rating data IECEx/ATEX

|                                |                     |                                 |                     |
|--------------------------------|---------------------|---------------------------------|---------------------|
| Certificate No. (ATEX)         | TUEV16ATEX7909U     | Certificate No. (IECEX)         | IECEXTUR16.0036U    |
| Max. voltage (ATEX)            | 440 V               | Current (ATEX)                  | 13.5 A              |
| Wire cross section max. (ATEX) | 1.5 mm <sup>2</sup> | Max. voltage (IECEX)            | 440 V               |
| Current (IECEX)                | 13.5 A              | Wire cross section max. (IECEX) | 1.5 mm <sup>2</sup> |

## System specifications

|                               |     |                                     |       |
|-------------------------------|-----|-------------------------------------|-------|
| End cover plate required      | Yes | Number of potentials                | 1     |
| Number of levels              | 1   | Number of clamping points per level | 2     |
| Number of potentials per tier | 1   | Levels cross-connected internally   | No    |
| PE connection                 | No  | Mounting rail                       | TS 35 |
| N-function                    | No  | PE function                         | No    |
| PEN function                  | No  |                                     |       |

## Additional technical data

|                   |    |                |         |
|-------------------|----|----------------|---------|
| With snap-in pegs | No | Open sides     | right   |
| Snap-on           | No | Type of fixing | Snap-on |

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## Technical data

|                     |       |                          |     |
|---------------------|-------|--------------------------|-----|
| Installation advice | Rail  | Explosion-tested version | Yes |
| Type of mounting    | TS 35 |                          |     |

## CSA rating data

|                               |        |                       |                 |
|-------------------------------|--------|-----------------------|-----------------|
| Wire cross section max. (CSA) | 14 AWG | Voltage size C (CSA)  | 300 V           |
| Current size C (CSA)          | 13 A   | Certificate No. (CSA) | 200039-70089609 |
| Voltage size B (CSA)          | 300 V  | Current size B (CSA)  | 13 A            |
| Voltage size D (CSA)          | 600 V  | Current size D (CSA)  | 5 A             |
| Wire cross section min. (CSA) | 26 AWG |                       |                 |

## Conductors for clamping (additional connection)

Connection type, additional connection PUSH IN

## Conductors for clamping (rated connection)

|                                                                                         |                      |                                                                                         |                      |
|-----------------------------------------------------------------------------------------|----------------------|-----------------------------------------------------------------------------------------|----------------------|
| Gauge to IEC 60947-1                                                                    | A1                   | Wire connection cross section AWG, max.                                                 | AWG 14               |
| Connection direction                                                                    | top                  | Stripping length                                                                        | 8 mm                 |
| Type of connection 2                                                                    | PUSH IN              | Type of connection                                                                      | PUSH IN              |
| Number of connections                                                                   | 2                    | Clamping range, max.                                                                    | 1.5 mm <sup>2</sup>  |
| Clamping range, min.                                                                    | 0.14 mm <sup>2</sup> | Blade size                                                                              | 0.4 x 2.0 mm         |
| Wire connection cross section AWG, min.                                                 | AWG 26               | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. | 1 mm <sup>2</sup>    |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 0.14 mm <sup>2</sup> | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 1.5 mm <sup>2</sup>  |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. | 0.14 mm <sup>2</sup> | Wire connection cross-section, finely stranded, max.                                    | 1.5 mm <sup>2</sup>  |
| Wire connection cross section, finely stranded, min.                                    | 0.14 mm <sup>2</sup> | Connection cross-section, stranded, max.                                                | 1.5 mm <sup>2</sup>  |
| Connection cross-section, stranded, min. 0.14 mm <sup>2</sup>                           |                      | Wire connection cross-section, solid core, max.                                         | 1.5 mm <sup>2</sup>  |
| Wire connection cross-section, solid core, min.                                         | 0.14 mm <sup>2</sup> | Connection cross-section, finely stranded (rated connection), min.                      | 0.14 mm <sup>2</sup> |

## General

|                                         |        |                     |               |
|-----------------------------------------|--------|---------------------|---------------|
| Wire connection cross section AWG, max. | AWG 14 | Installation advice | Rail          |
| Wire connection cross section AWG, min. | AWG 26 | Standards           | IEC 60947-7-1 |
| Mounting rail                           | TS 35  |                     |               |

## Rating data

|                                             |                     |                                 |               |
|---------------------------------------------|---------------------|---------------------------------|---------------|
| Rated cross-section                         | 1.5 mm <sup>2</sup> | Rated voltage                   | 500 V         |
| Rated DC voltage                            | 500 V               | Nominal current                 | 17.5 A        |
| Current at maximum wires                    | 17.5 A              | Standards                       | IEC 60947-7-1 |
| Volume resistance                           | 1.83 mΩ             | Rated impulse withstand voltage | 6 kV          |
| Power loss in accordance with IEC 60947-7-x | 0.56 W              | Surge voltage category          | III           |
| Pollution severity                          | 3                   |                                 |               |

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|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 8.0    | EC000897    | ETIM 9.0    | EC000897    |
| ETIM 10.0   | EC000897    | ECLASS 14.0 | 27-25-01-02 |
| ECLASS 15.0 | 27-25-01-02 |             |             |

## A2T 1.5 KNX RD-BK

# Drawings

