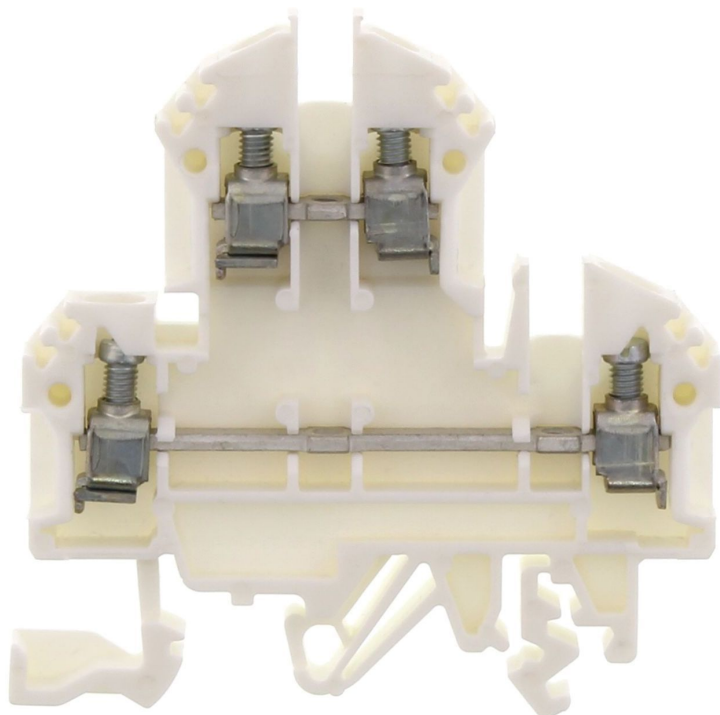


# Data sheet

## 1020.7 RKD 4 WH



Double-level terminal, Screw connection, Mounting type: Mounting rail TS 35/7.5 and TS 32, Rated cross-section: 4 mm<sup>2</sup>, Width: 6 mm, Colour: White

**RAL:** 9010

### Business data

|  |                       |
|--|-----------------------|
| Article number                             | 1020.7                |
| Article name                               | RKD 4 WH              |
| GTIN (EAN)                                 | 4044211004682         |
| Packaging unit                             | 100                   |
| Quantity unit                              | PC                    |
| Weight per piece (not including packaging) | 13.4 g                |
| Weight per piece (including packaging)     | 14.22 g               |
| Unit of weight                             | G                     |
| Customs number                             | 85369010              |
| Country of origin                          | CZ                    |
| Prio-Article                               | 1020.2                |
| Product description                        | Double-level terminal |

### Technical data

#### Dimensions

|                  |         |
|------------------|---------|
| Length           | 60.2 mm |
| Width            | 6 mm    |
| Height TS 35/7.5 | 61 mm   |
| Height TS 32     | 65.5 mm |

#### Ratings

|   |                   |
|---|-------------------|
| Rated voltage                                   | 500 V             |
| Rated current                                   | 32 A              |
| Rated cross-section                             | 4 mm <sup>2</sup> |
| Rated impulse voltage                           | 6 kV              |
| Overvoltage category                            | III               |
| Contamination degree                            | 3                 |
| Maximum power dissipation for nominal condition | 2.05 W            |

#### Connection data

|  |                     |
|--|---------------------|
| Connection principle                                     | Screw connection    |
| Connection position                                      | Lateral             |
| Connections  | 2 x 2               |
| Number of terminals per level                            | 2                   |
| Number of levels   | 2                   |
| Wire cross-section single-core (rigid) / stranded, min.  | 0.2 mm <sup>2</sup> |
| Wire cross-section single core (rigid)/stranded, max.    | 4 mm <sup>2</sup>   |
| Wire cross-section stranded, min.                        | 0.2 mm <sup>2</sup> |
| Wire cross-section stranded, max.                        | 4 mm <sup>2</sup>   |
| Wire cross-section stranded with wire-end ferrules, min. | 0.2 mm <sup>2</sup> |
| Wire cross-section stranded with wire-end ferrules, max. | 4 mm <sup>2</sup>   |
| Wire cross-section AWG, min.                             | 22                  |
| Wire cross-section AWG, max.                             | 12                  |
| Stripping length   | 9 mm                |
| Screw head   | Slotted             |
| Screw threading  | M 3                 |
| Tightening torque, min.                                  | 0.5 Nm              |
| Tightening torque, max.                                  | 1 Nm                |

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### Technical data

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#### Materials

|                           |                              |
|---------------------------|------------------------------|
| Insulation housing        | Polyamide 6.6, Polyamide 6.6 |
| Flammability class UL 94  | V-2                          |
| Working temperature, min. | -40 °C                       |
| Working temperature, max. | 105 °C                       |

#### Further technical data

|                                     |                                   |
|-------------------------------------|-----------------------------------|
| Mounting type                       | Mounting rail TS 35/7.5 and TS 32 |
| Gauge plug acc. to EN 60 947-1      | A4                                |
| Number of cross-connection channels | 2                                 |
| End plate required                  | ✓                                 |
| Number of test pick-off options     | 1                                 |

#### Environmental Product Compliance

|                                |            |
|--------------------------------|------------|
| REACH Conform                  | yes        |
| REACH Reference date           | 2022-01-17 |
| REACH Candidate Substance Note | No         |
| RoHS Conform                   | yes        |

### Approvals

#### German Lloyd approval

|                            |   |
|----------------------------|---|
| DNV GL Certificate number  | TAE000014T                                |
| DNV GL Location Classes    | Temperature: B, Humidity: B, Vibration: A |
| DNV GL approval granted    | 1   |
| DNV GL rated cross-section | 4 mm <sup>2</sup>                         |
| DNV GL rated current       | 34 A                                      |
| DNV GL rated voltage       | 500 V                                     |
| DNV GL test standard       | IEC 60947-7-1:2002                        |
| GL approval                | IEC 60947-7-1:2002                        |
| GL approval granted        | yes                                       |
| GL rated voltage           | 500 V                                     |
| GL rated current           | 34 A                                      |
| GL rated cross-section     | 4 mm <sup>2</sup>                         |
| GL environmental category  | C   |

#### Standards and regulations

|                      |                |
|----------------------|----------------|
| EAC approval         | TR ZU 004/2011 |
| EAC approval granted | yes            |

#### CSA approval

|                                  |              |
|----------------------------------|--------------|
| CSA approval                     | C22.2 No 158 |
| CSA approval granted             | yes          |
| CSA Usegroup C: rated voltage    | 300 V        |
| CSA Usegroup C: rated current    | 25 A         |
| CSA wire cross-section AWG, min. | 22           |
| CSA wire cross-section AWG, max. | 12           |
| CSA stripping length             | 9 mm         |
| CSA torque, max.                 | 1 Nm         |
| CSA torque, min.                 | 0.5 Nm       |

### Approvals

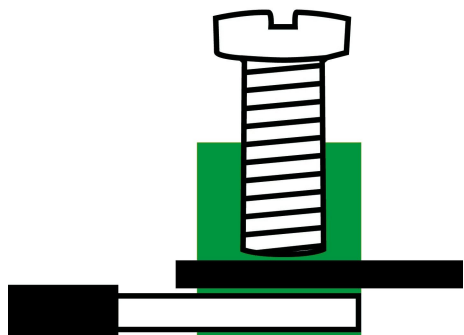
#### KEMA KEUR approval

|   |                     |
|---|---------------------|
| KEMA KEUR approval                                | EN 60947-7-1:2009   |
| KEMA KEUR approval granted                        | yes                 |
| KEMA rated voltage                                | 500 V               |
| KEMA rated current                                | 32 A                |
| KEMA rated impulse voltage                        | 6 kV                |
| KEMA wire cross-section single core (rigid), min. | 0.2 mm <sup>2</sup> |
| KEMA wire cross-section single-core (rigid), max. | 4 mm <sup>2</sup>   |
| KEMA wire cross-section stranded, min.            | 0.2 mm <sup>2</sup> |
| KEMA wire cross-section stranded, max.            | 4 mm <sup>2</sup>   |

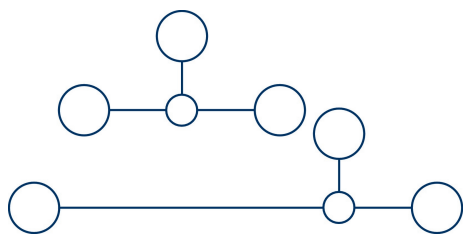
#### UL Recognized

|   |         |
|---|---------|
| UL approval   | UL 1059 |
| UL Usegroup C: rated voltage                        | 300 V   |
| UL Usegroup C: rated current                        | 30 A    |
| UL wire cross-section single-core (rigid) AWG, min. | 22      |
| UL wire cross-section single-core (rigid) AWG, max. | 10      |
| UL wire cross-section stranded AWG, min.            | 22      |
| UL wire cross-section stranded AWG, max.            | 10      |
| UL torque   | 7 Lb In |
| UL wire material                                    | Cu      |
| UL factory wiring                                   | 1       |
| UL field wiring                                     | 1       |
| UL Recognized                                       | 1       |

Media



EAC



M3



### Accessories

#### Cover



Cover, Length: 24 mm, Width: 24 mm, Colour: Yellow

| Article number | Article name   | GTIN (EAN)    | Packaging unit |
|----------------|----------------|---------------|----------------|
| <u>2494.0</u>  | AD 4/24/B/E YE | 4044211052959 | 50 ST          |



Cover, Length: 24 mm, Width: 24 mm, Colour: Yellow

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>2011.0</u>  | AD 4/24/B YE | 4044211048143 | 50 ST          |



Cover, Length: 24 mm, Width: 20 mm, Colour: Yellow

| Article number | Article name   | GTIN (EAN)    | Packaging unit |
|----------------|----------------|---------------|----------------|
| <u>2493.0</u>  | AD 4/24/B/E YE | 4044211052942 | 50 ST          |



Cover, Length: 24 mm, Width: 20 mm, Colour: Yellow

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>2079.0</u>  | AD 4/24/B YE | 4044211048877 | 50 ST          |

#### End plate



End plate, Width: 1.5 mm, Colour: Beige

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>2101.2</u>  | AP 4 BG      | 4044211151652 | 20             |

#### Insulation plate



Insulation plate, Colour: Beige

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>2566.2</u>  | TRS 3 BG     | 4044211053567 | 100 ST         |

### End stop

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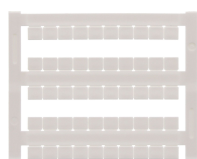
End stop, Mounting type: Mounting rail TS 35/7.5, Width: 9.5 mm, Colour: Beige

| Article number | Article name  | GTIN (EAN)    | Packaging unit |
|----------------|---------------|---------------|----------------|
| <u>2828.0</u>  | ES 35/K/ST BG | 4044211055547 | 50             |

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### Quick marking

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Terminal marker / Pocket Maxicard, Length: 5 mm, Width: 6 mm, Colour: White

| Article number | Article name   | GTIN (EAN)    | Packaging unit |
|----------------|----------------|---------------|----------------|
| <u>4702.7</u>  | PMC SB 6/50 WH | 4044211089986 | 500 ST         |

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### Test adapters

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### Screwdriver

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