

Double-level terminal, Screw connection, Mounting type: Mounting rail TS 35/7.5 and TS 32, Rated cross-section: 4 mm², Width: 7.5 mm, Colour: Beige

Business data

| | |
|--|-----------------------|
| Article number | 1025.2 |
| Article name | RKD 4/800V BG |
| GTIN (EAN) | 4044211005658 |
| Packaging unit | 80 |
| Quantity unit | PC |
| Weight per piece (not including packaging) | 16.8 g |
| Weight per piece (including packaging) | 17.95 g |
| Unit of weight | G |
| Customs number | 85369010 |
| Country of origin | DE |
| Product description | Double-level terminal |
| Colour | Beige |

Technical data

Dimensions

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

Ratings

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|---|-------------------|
| Rated voltage | 800 V |
| Rated current | 32 A |
| Rated cross-section | 4 mm ² |
| Rated impulse voltage | 6 kV |
| Overvoltage category | III |
| Contamination degree | 3 |
| Maximum power dissipation for nominal condition | 2.05 W |

Connection data

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|--|---------------------|
| 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 ² |
| Wire cross-section single core (rigid)/stranded, max. | 4 mm ² |
| Wire cross-section stranded, min. | 0.2 mm ² |
| Wire cross-section stranded, max. | 4 mm ² |
| Wire cross-section stranded with wire-end ferrules, min. | 0.2 mm ² |
| Wire cross-section stranded with wire-end ferrules, max. | 4 mm ² |
| 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 |

Technical data

Materials

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

Further technical data

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|--------------------------------|-----------------------------------|
| Mounting type | Mounting rail TS 35/7.5 and TS 32 |
| Gauge plug acc. to EN 60 947-1 | A4 |
| End plate required | ✓ |

Environmental Product Compliance

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|--------------------------------|------------|
| REACH Conform | yes |
| REACH Reference date | 2022-06-10 |
| REACH Candidate Substance Note | No |
| RoHS Conform | yes |

Approvals

Standards and regulations

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

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|----------------------|-----|
| EAC approval granted | yes |
|----------------------|-----|

CSA approval

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|--------------|--------------|
| CSA approval | C22.2 No 158 |
|--------------|--------------|

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|----------------------|-----|
| CSA approval granted | yes |
|----------------------|-----|

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|-------------------------------|-------|
| CSA Usegroup C: rated voltage | 600 V |
|-------------------------------|-------|

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|-------------------------------|------|
| CSA Usegroup C: rated current | 30 A |
|-------------------------------|------|

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|----------------------------------|----|
| CSA wire cross-section AWG, min. | 22 |
|----------------------------------|----|

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|----------------------------------|----|
| CSA wire cross-section AWG, max. | 12 |
|----------------------------------|----|

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|----------------------|------|
| CSA stripping length | 9 mm |
|----------------------|------|

CSAus approval

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|----------------|---------|
| CSAus approval | UL 1059 |
|----------------|---------|

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|------------------------|-----|
| CSAus approval granted | yes |
|------------------------|-----|

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|---------------------------------|-------|
| CSAus Usegroup C: rated voltage | 600 V |
|---------------------------------|-------|

| | |
|---------------------------------|------|
| CSAus Usegroup C: rated current | 30 A |
|---------------------------------|------|

| | |
|------------------------------------|----|
| CSAus wire cross-section AWG, min. | 22 |
|------------------------------------|----|

| | |
|------------------------------------|----|
| CSAus wire cross-section AWG, max. | 12 |
|------------------------------------|----|

| | |
|------------------------|------|
| CSAus stripping length | 9 mm |
|------------------------|------|

KEMA KEUR approval

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|--------------------|-------------------|
| KEMA KEUR approval | EN 60947-7-1:2009 |
|--------------------|-------------------|

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|----------------------------|-----|
| KEMA KEUR approval granted | yes |
|----------------------------|-----|

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|--------------------|-------|
| KEMA rated voltage | 800 V |
|--------------------|-------|

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|--------------------|------|
| KEMA rated current | 32 A |
|--------------------|------|

| | |
|----------------------------|------|
| KEMA rated impulse voltage | 6 kV |
|----------------------------|------|

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|---|---------------------|
| KEMA wire cross-section single core (rigid), min. | 0.2 mm ² |
|---|---------------------|

| | |
|---|-------------------|
| KEMA wire cross-section single-core (rigid), max. | 4 mm ² |
|---|-------------------|

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|--|---------------------|
| KEMA wire cross-section stranded, min. | 0.2 mm ² |
|--|---------------------|

| | |
|--|-------------------|
| KEMA wire cross-section stranded, max. | 4 mm ² |
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Approvals

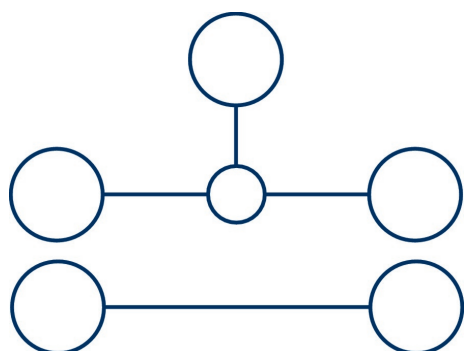
UL Recognized

| | |
|---|---------|
| UL approval | UL 1059 |
| UL Usegroup C: rated voltage | 600 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



Data sheet

1025.2 RKD 4/800V BG

Accessories

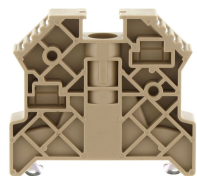
End plate



End plate, Width: 1.5 mm, Colour: Beige

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|---------------|---------------|----------------|
| <u>2159.2</u> | AP 4 800 V BG | 4044211049829 | 20 ST |

End stop



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 |

Screwdriver



Screwdriver with bare blade, Colour: Black-grey

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>1086.0</u> | SDB 0,6x3,5 | 4044211014797 | 1 ST |

Quick marking



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 |