



Feed-through terminal, Screw connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 16 mm<sup>2</sup>, Width: 12 mm, Colour: Beige

### Business data

|  |                       |
|--|-----------------------|
| Article number                             | <u>1532.2</u>         |
| Article name                               | RK 16/35/N/Z/IS BG    |
| GTIN (EAN)                                 | 4044211047122         |
| Packaging unit                             | 50                    |
| Quantity unit                              | PC                    |
| Weight per piece (not including packaging) | 27.1 g                |
| Weight per piece (including packaging)     | 28.64 g               |
| Unit of weight                             | G                     |
| Customs number                             | 85369010              |
| Country of origin                          | DE                    |
| Prio-Article                               | 1532.2                |
| Product description                        | Feed-through terminal |

### Technical data

#### Dimensions

|                  |       |
|------------------|-------|
| Length           | 54 mm |
| Width            | 12 mm |
| Height TS 35/7.5 | 47 mm |

#### Ratings

|   |                    |
|---|--------------------|
| Rated voltage                                   | 800 V              |
| Rated current                                   | 76 A               |
| Rated cross-section                             | 16 mm <sup>2</sup> |
| Rated impulse voltage                           | 8 kV               |
| Overvoltage category                            | III                |
| Contamination degree                            | 3                  |
| Maximum power dissipation for nominal condition | 2.43 W             |

#### Connection data

|  |                     |
|--|---------------------|
| Connection principle                                     | Screw connection    |
| Connection position                                      | Lateral             |
| Connections  | 2                   |
| Number of terminals per level                            | 2                   |
| Number of levels   | 1                   |
| Wire cross-section single-core (rigid) / stranded, min.  | 2.5 mm <sup>2</sup> |
| Wire cross-section single core (rigid)/stranded, max.    | 25 mm <sup>2</sup>  |
| Wire cross-section stranded, min.                        | 2.5 mm <sup>2</sup> |
| Wire cross-section stranded, max.                        | 16 mm <sup>2</sup>  |
| Wire cross-section stranded with wire-end ferrules, min. | 2.5 mm <sup>2</sup> |
| Wire cross-section stranded with wire-end ferrules, max. | 16 mm <sup>2</sup>  |
| Wire cross-section AWG, min.                             | 10                  |
| Wire cross-section AWG, max.                             | 6                   |
| Stripping length   | 15 mm               |
| Screw head   | Inner hex (Allen)   |
| Screw threading  | M 5                 |
| Tightening torque, min.                                  | 2 Nm                |
| Tightening torque, max.                                  | 4 Nm                |

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### Technical data

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#### 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

|                                     |                         |
|-------------------------------------|-------------------------|
| Mounting type                       | Mounting rail TS 35/7,5 |
| Gauge plug acc. to EN 60 947-1      | B7                      |
| Number of cross-connection channels | 1                       |

#### Environmental Product Compliance

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

### Approvals

#### 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 | 600 V |
|-------------------------------|-------|

|                               |      |
|-------------------------------|------|
| CSA Usegroup C: rated current | 85 A |
|-------------------------------|------|

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

|                                  |   |
|----------------------------------|---|
| CSA wire cross-section AWG, max. | 4 |
|----------------------------------|---|

|                      |       |
|----------------------|-------|
| CSA stripping length | 15 mm |
|----------------------|-------|

|                 |              |
|-----------------|--------------|
| CSA File Number | 042110_0_000 |
|-----------------|--------------|

#### CSAus approval

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

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

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

|                                 |      |
|---------------------------------|------|
| CSAus Usegroup C: rated current | 85 A |
|---------------------------------|------|

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

|                                    |   |
|------------------------------------|---|
| CSAus wire cross-section AWG, max. | 4 |
|------------------------------------|---|

|                        |       |
|------------------------|-------|
| CSAus stripping length | 15 mm |
|------------------------|-------|

|                   |              |
|-------------------|--------------|
| CSAus File Number | 042110_0_000 |
|-------------------|--------------|

#### cUL Recognized

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

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

|                               |      |
|-------------------------------|------|
| cUL Usegroup C: rated current | 85 A |
|-------------------------------|------|

|  |    |
|--|----|
| cUL wire cross-section single-core (rigid) AWG, min. | 10 |
|--|----|

|  |   |
|--|---|
| cUL wire cross-section single-core (rigid) AWG, max. | 4 |
|--|---|

|   |    |
|---|----|
| cUL wire cross-section stranded AWG, min. | 10 |
|---|----|

|   |   |
|---|---|
| cUL wire cross-section stranded AWG, max. | 4 |
|---|---|

|            |       |
|------------|-------|
| cUL torque | 20 Nm |
|------------|-------|

|                   |    |
|-------------------|----|
| cUL wire material | Cu |
|-------------------|----|

|                 |        |
|-----------------|--------|
| cUL File Number | E95701 |
|-----------------|--------|

|                |   |
|----------------|---|
| cUL Recognized | 1 |
|----------------|---|

### Approvals

#### KEMA KEUR approval

|   |                     |
|---|---------------------|
| KEMA KEUR approval                                | EN 60947-7-1:2009   |
| KEMA KEUR approval granted                        | yes                 |
| KEMA rated voltage                                | 800 V               |
| KEMA rated current                                | 76 A                |
| KEMA rated impulse voltage                        | 8 kV                |
| KEMA wire cross-section single core (rigid), min. | 2.5 mm <sup>2</sup> |
| KEMA wire cross-section single-core (rigid), max. | 25 mm <sup>2</sup>  |
| KEMA wire cross-section stranded, min.            | 2.5 mm <sup>2</sup> |
| KEMA wire cross-section stranded, max.            | 16 mm <sup>2</sup>  |

#### UL Recognized

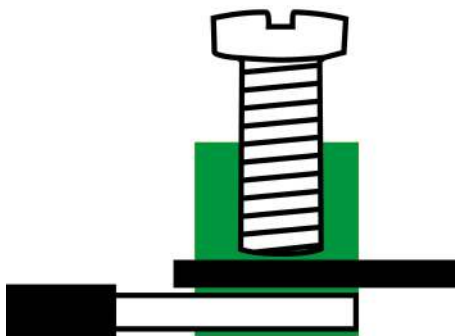
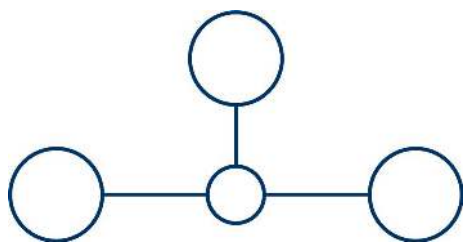
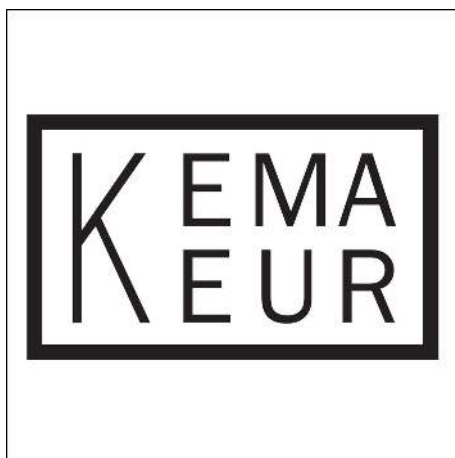
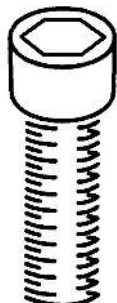
|   |          |
|---|----------|
| UL approval   | UL 1059  |
| UL Usegroup C: rated voltage                        | 600 V    |
| UL Usegroup C: rated current                        | 85 A     |
| UL wire cross-section single-core (rigid) AWG, min. | 10       |
| UL wire cross-section single-core (rigid) AWG, max. | 4        |
| UL wire cross-section stranded AWG, min.            | 10       |
| UL wire cross-section stranded AWG, max.            | 4        |
| UL torque   | 20 Lb In |
| UL wire material                                    | Cu       |
| UL factory wiring                                   | 1        |
| UL field wiring                                     | 1        |
| UL File Number                                      | E95701   |
| UL Recognized                                       | 1        |

#### 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 | 16 mm <sup>2</sup>                        |
| DNV GL rated current       | 76 A                                      |
| DNV GL rated voltage       | 800 V                                     |
| DNV GL test standard       | IEC 60947-7-1:2002                        |

### Media

**M5**



**EAC**



### Accessories

#### Cover



Cover, Length: 26.5 mm, Width: 12 mm, Colour: White

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>2967.0</u>  | AD 1/12/N WH | 4044211056964 | 20 ST          |



Cover, Length: 26.5 mm, Width: 12 mm, Colour: Yellow

| Article number | Article name   | GTIN (EAN)    | Packaging unit |
|----------------|----------------|---------------|----------------|
| <u>2955.0</u>  | AD 1/12/N/B YE | 4044211056834 | 20 ST          |

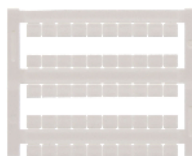
#### End stop



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             |

#### 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         |