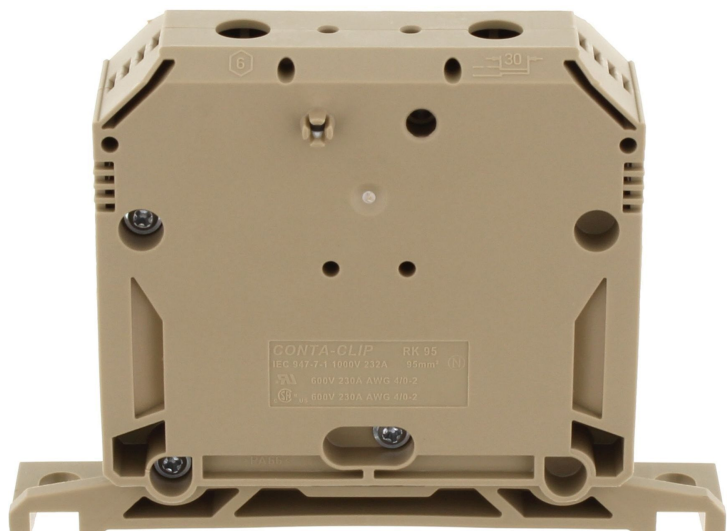


# Data sheet

## 1583.2 RK 95-D BG



Feed-through terminal for direct mount, Screw connection, Mounting type: Mounting surface, Rated cross-section: 95 mm<sup>2</sup>, Width: 25 mm, Colour: Beige

### Business data

|  |  |
|--|--|
| Article number                             | <u>1583.2</u>                          |
| Article name                               | RK 95-D BG                             |
| GTIN (EAN)                                 | 4044211047726                          |
| Packaging unit                             | 10                                     |
| Quantity unit                              | PC                                     |
| Weight per piece (not including packaging) | 177.4 g                                |
| Weight per piece (including packaging)     | 188.5 g                                |
| Unit of weight                             | G                                      |
| Customs number                             | 85369010                               |
| Country of origin                          | CZ                                     |
| Prio-Article                               | 1583.2                                 |
| Product description                        | Feed-through terminal for direct mount |

### Technical data

#### Dimensions

|                  |         |
|------------------|---------|
| Length           | 109 mm  |
| Width            | 25 mm   |
| Height TS 35/7.5 | 77.5 mm |

#### Ratings

|   |                    |
|---|--------------------|
| Rated voltage                                   | 1000 V             |
| Rated current                                   | 232 A              |
| Rated cross-section                             | 95 mm <sup>2</sup> |
| Rated impulse voltage                           | 8 kV               |
| Overvoltage category                            | III                |
| Contamination degree                            | 3                  |
| Maximum power dissipation for nominal condition | 7.42 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.  | 25 mm <sup>2</sup> |
| Wire cross-section single core (rigid)/stranded, max.    | 95 mm <sup>2</sup> |
| Wire cross-section stranded, min.                        | 25 mm <sup>2</sup> |
| Wire cross-section stranded, max.                        | 95 mm <sup>2</sup> |
| Wire cross-section stranded with wire-end ferrules, min. | 25 mm <sup>2</sup> |
| Wire cross-section stranded with wire-end ferrules, max. | 95 mm <sup>2</sup> |
| Wire cross-section AWG, min.                             | 2                  |
| Wire cross-section AWG, max.                             | 4/0                |
| Stripping length   | 30 mm              |
| Screw head   | Inner hex (Allen)  |
| Screw threading  | M 8                |
| Tightening torque, min.                                  | 8 Nm               |
| Tightening torque, max.                                  | 12 Nm              |

# Data sheet

## 1583.2 RK 95-D BG

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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 face |
| Gauge plug acc. to EN 60 947-1 | B12           |
| Banded wire up to              | 16,6 x 6,0 mm |

#### Environmental Product Compliance

|                                |                        |
|--------------------------------|------------------------|
| REACH Conform                  | yes                    |
| REACH Reference date           | 2023-06-14, 2024-01-23 |
| 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 | 230 A |
|-------------------------------|-------|

|                                  |   |
|----------------------------------|---|
| CSA wire cross-section AWG, min. | 2 |
|----------------------------------|---|

|                                  |     |
|----------------------------------|-----|
| CSA wire cross-section AWG, max. | 4/0 |
|----------------------------------|-----|

|                      |       |
|----------------------|-------|
| CSA stripping length | 30 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 | 230 A |
|---------------------------------|-------|

|                                    |   |
|------------------------------------|---|
| CSAus wire cross-section AWG, min. | 2 |
|------------------------------------|---|

|                                    |     |
|------------------------------------|-----|
| CSAus wire cross-section AWG, max. | 4/0 |
|------------------------------------|-----|

|                        |       |
|------------------------|-------|
| CSAus stripping length | 30 mm |
|------------------------|-------|

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

#### KEMA KEUR approval

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

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

|                    |        |
|--------------------|--------|
| KEMA rated voltage | 1000 V |
|--------------------|--------|

|                    |       |
|--------------------|-------|
| KEMA rated current | 232 A |
|--------------------|-------|

|                            |       |
|----------------------------|-------|
| KEMA rated impulse voltage | 12 kV |
|----------------------------|-------|

|   |                    |
|---|--------------------|
| KEMA wire cross-section single core (rigid), min. | 25 mm <sup>2</sup> |
|---|--------------------|

|   |                    |
|---|--------------------|
| KEMA wire cross-section single-core (rigid), max. | 95 mm <sup>2</sup> |
|---|--------------------|

|  |                    |
|--|--------------------|
| KEMA wire cross-section stranded, min. | 25 mm <sup>2</sup> |
|--|--------------------|

|  |                    |
|--|--------------------|
| KEMA wire cross-section stranded, max. | 95 mm <sup>2</sup> |
|--|--------------------|

|                       |       |
|-----------------------|-------|
| KEMA stripping length | 30 mm |
|-----------------------|-------|

|                   |      |
|-------------------|------|
| KEMA torque, min. | 8 Nm |
|-------------------|------|

|                   |       |
|-------------------|-------|
| KEMA torque, max. | 12 Nm |
|-------------------|-------|

# Data sheet

## 1583.2 RK 95-D BG

### Approvals

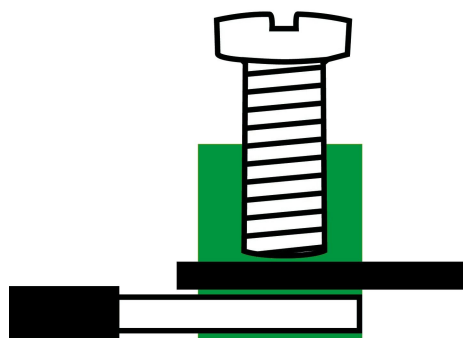
#### UL Recognized

|   |          |
|---|----------|
| UL approval   | UL 1059  |
| UL Usegroup B: rated voltage                        | 600 V    |
| UL Usegroup B: rated current                        | 230 A    |
| UL Usegroup C: rated voltage                        | 600 V    |
| UL Usegroup C: rated current                        | 230 A    |
| UL wire cross-section single-core (rigid) AWG, min. | 2        |
| UL wire cross-section single-core (rigid) AWG, max. | 4/0      |
| UL wire cross-section stranded AWG, min.            | 2        |
| UL wire cross-section stranded AWG, max.            | 4/0      |
| UL torque   | 89 Lb In |
| UL wire material                                    | Cu       |
| UL factory 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 | 95 mm <sup>2</sup>                        |
| DNV GL rated current       | 230 A                                     |
| DNV GL rated voltage       | 600 V                                     |
| DNV GL test standard       | IEC 60947-7-1:2002                        |

Media



### Accessories

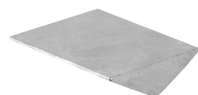
#### Cover



Cover, Length: 59 mm, Width: 15 mm, Colour: Yellow

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>2804.0</u>  | AD 1/95/B YE | 4044211055356 | 20 ST          |

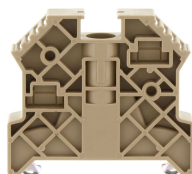
#### Inlay profile



Inlay plate, Colour: natural

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>2275.0</u>  | EP 95        | 4044211050825 | 10 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             |

#### Allen key socket wrench



Inner hex key with bare blade

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>2772.0</u>  | ISKS 6       | 4044211055028 | 1 ST           |

#### Measurement pick-off terminal

# Data sheet

## 1583.2 RK 95-D BG



Measurement pick-off terminal, Screw connection, Mounting type: On base, Rated cross-section: 10 mm<sup>2</sup>, Width: 10 mm, Colour: Beige

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>1123.2</u>  | MAG 95 BG    | 4044211080938 | 10 ST          |

### Insulated cross-connector



External insulated cross-connector, No. of poles: 3, Mounting type: Plug in, Width: 70.44 mm, Rated current: 232 A; Colour: Yellow

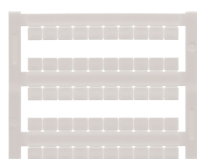
| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>2766.2</u>  | AQI 3/95 YE  | 4044211054960 | 5              |



External insulated cross-connector, No. of poles: 2, Mounting type: Plug in, Width: 44.86 mm, Rated current: 232 A; Colour: Yellow

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>2765.2</u>  | AQI 2/95 YE  | 4044211054953 | 5              |

### 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         |

### ##INVERSE##CONTA-CONNECT



Measurement pick-off terminal, Screw connection, Mounting type: On base, Rated cross-section: 10 mm<sup>2</sup>, Width: 10 mm, Colour: Beige

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>1123.2</u>  | MAG 95 BG    | 4044211080938 | 10 ST          |