# Data sheet

## 1584.2 RK 150-D BG




Feed-through terminal to mounting surface, Screw connection, Mounting type: Mounting surface, Rated cross-section: 150 mm², Width: 31 mm, Colour: Beige

## Business data

| | |
|---|---|
| Article number | 1584.2 |
| Article name | RK 150-D BG |
| GTIN (EAN) | 4044211047740 |
| Packaging unit | 5 |
| Quantity unit | PC |
| Weight per piece (not including packaging) | 291.2 g |
| Weight per piece (including packaging) | 312.4 g |
| Unit of weight | G |
| Customs number | 85369010 |
| Country of origin | CZ |
| Prio-Article | 1584.2 |
| Product description | Feed-through terminal for direct mount |

# Data sheet

## 1584.2 RK 150-D BG

## Technical data

### Dimensions

| | |
|---|---|
| Length | 109 mm |
| Width | 31 mm |
| Height TS 35/7.5 | 99 mm |

### Ratings

| | |
|---|---|
| Rated voltage | 1000 V |
| Rated current | 309 A |
| Rated cross-section | 150 mm² |
| Rated impulse voltage | 8 kV |
| Overvoltage category | III |
| Contamination degree | 3 |
| Maximum power dissipation for nominal condition | 9.89 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. | 35 mm² |
| Wire cross-section single core (rigid)/stranded, max. | 150 mm² |
| Wire cross-section stranded, min. | 50 mm² |
| Wire cross-section stranded, max. | 150 mm² |
| Wire cross-section stranded with wire-end ferrules, min. | 50 mm² |
| Wire cross-section stranded with wire-end ferrules, max. | 150 mm² |
| Wire cross-section AWG, min. | 2 |
| Wire cross-section AWG, max. | 300 Kcmil |
| Stripping length | 38 mm |
| Screw head | Inner hex (Allen) |
| Screw threading | M 10 |
| Tightening torque, min. | 14 Nm |
| Tightening torque, max. | 20 Nm |

# Data sheet

## 1584.2 RK 150-D BG

## 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

| | |
|---|---|
| Mounting type | Mounting face |
| Gauge plug acc. to EN 60 947-1 | B14 |
| Banded wire up to | 20 x 8 mm |

### Environmental Product Compliance

| | |
|---|---|
| REACH Conform | yes |
| REACH Reference date | 2022-06-10 |
| 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 | 150 mm² |
| DNV GL rated current | 275 A |
| DNV GL rated voltage | 600 V |
| DNV GL test standard | IEC 60947-7-1:2002 |

### UL Recognized

| | |
|---|---|
| UL File Number | E95701 |
| UL approval | UL 1059 |
| UL Usegroup B: rated voltage | 600 V |
| UL Usegroup B: rated current | 275 A |
| UL Usegroup C: rated voltage | 600 V |
| UL Usegroup C: rated current | 275 A |
| UL wire cross-section single-core (rigid) AWG, min. | 2 |
| UL wire cross-section single-core (rigid) AWG, max. | 350 Kcmil |
| UL wire cross-section stranded AWG, min. | 2 |
| UL wire cross-section stranded AWG, max. | 350 Kcmil |
| UL torque | 142 Lb In |
| UL wire material | Cu |
| UL factory wiring | 1 |
| UL Recognized | 1 |

### 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 | 275 A |
| CSA wire cross-section AWG, min. | 2 |
| CSA wire cross-section AWG, max. | 300 Kcmil |
| CSA stripping length | 38 mm |
| CSA File Number | 042110_0_000 |

## Approvals

### CSAus approval

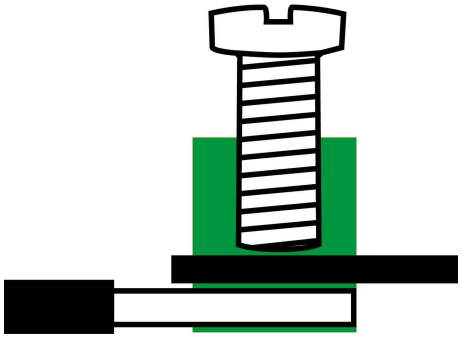
| | |
|---|---|
| CSAus approval | UL 1059 |
| CSAus approval granted | yes |
| CSAus Usegroup C: rated voltage | 600 V |
| CSAus Usegroup C: rated current | 275 A |
| CSAus wire cross-section AWG, min. | 2 |
| CSAus wire cross-section AWG, max. | 300 Kcmil |
| CSAus stripping length | 38 mm |
| CSAus File Number | 042110_0_000 |

### KEMA KEUR approval

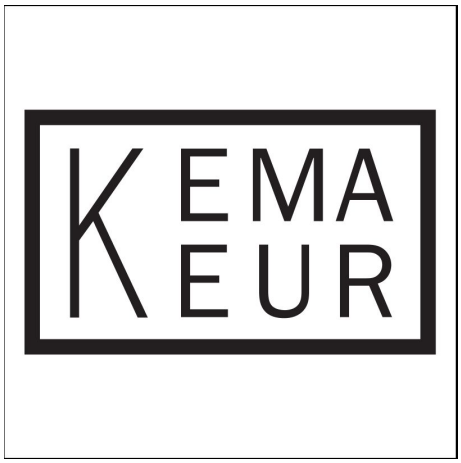
| | |
|---|---|
| KEMA KEUR approval | EN 60947-7-1:2009 |
| KEMA KEUR approval granted | yes |
| KEMA rated voltage | 1000 V |
| KEMA rated current | 309 A |
| KEMA rated impulse voltage | 12 kV |
| KEMA wire cross-section single core (rigid), min. | 35 mm² |
| KEMA wire cross-section single-core (rigid), max. | 150 mm² |
| KEMA wire cross-section stranded, min. | 35 mm² |
| KEMA wire cross-section stranded, max. | 150 mm² |
| KEMA stripping length | 38 mm |
| KEMA torque, min. | 14 Nm |
| KEMA torque, max. | 20 Nm |

## Media













# Data sheet

## 1584.2 RK 150-D BG

## Accessories

### Cover



Cover, Length: 60 mm, Width: 21 mm, Colour: Yellow

| Article number | Article name | GTIN (EAN) | Packaging unit |
|---|---|---|---|
| 2806.0 | AD 1/150/B YE | 4044211055363 | 20 ST |

### Inlay profile

### Measurement pick-off terminal

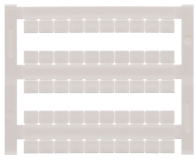


Measurement pick-off terminal, Screw connection, Mounting type: On base, Rated cross-section: 10 mm², Width: 10 mm, Colour: Beige

| Article number | Article name | GTIN (EAN) | Packaging unit |
|---|---|---|---|
| 1125.2 | MAG 150/240 BG | 4044211080921 | 10 ST |

### Allen key socket wrench

### Quick marking



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

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

# Data sheet

## 1584.2 RK 150-D BG

### ##INVERSE##CONTA-CONNECT



Measurement pick-off terminal, Screw connection, Mounting type: On base, Rated cross-section: 10 mm², Width: 10 mm, Colour: Beige

| Article number | Article name | GTIN (EAN) | Packaging unit |
|---|---|---|---|
| 1125.2 | MAG 150/240 BG | 4044211080921 | 10 ST |