

Feed-through terminal for direct mount, Screw connection, Mounting type: Mounting surface, Rated cross-section: 50 mm², Width: 20 mm, Colour: Beige

Business data

| | |
|--|--|
| Article number | <u>1582.2</u> |
| Article name | RK 50-D BG |
| GTIN (EAN) | 4044211047702 |
| Packaging unit | 10 |
| Quantity unit | PC |
| Weight per piece (not including packaging) | 111.2 g |
| Weight per piece (including packaging) | 122.4 g |
| Unit of weight | G |
| Customs number | 85369010 |
| Country of origin | CZ |
| Prio-Article | 1582.2 |
| Product description | Feed-through terminal for direct mount |

Data sheet

1582.2 RK 50-D BG

Technical data

Dimensions

| | |
|------------------|----------|
| Length | 109 mm |
| Width | 20 mm |
| Height TS 35/7.5 | 65.75 mm |

Ratings

| | |
|---|--------------------|
| Rated voltage | 1000 V |
| Rated current | 150 A |
| Rated cross-section | 50 mm ² |
| Rated impulse voltage | 8 kV |
| Overvoltage category | III |
| Contamination degree | 3 |
| Maximum power dissipation for nominal condition | 4.8 W |

Connection data

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|--|--------------------|
| 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. | 16 mm ² |
| Wire cross-section single core (rigid)/stranded, max. | 50 mm ² |
| Wire cross-section stranded, min. | 25 mm ² |
| Wire cross-section stranded, max. | 50 mm ² |
| Wire cross-section stranded with wire-end ferrules, min. | 25 mm ² |
| Wire cross-section stranded with wire-end ferrules, max. | 50 mm ² |
| Wire cross-section AWG, min. | 6 |
| Wire cross-section AWG, max. | 1/0 |
| Stripping length | 27 mm |
| Screw head | Inner hex (Allen) |
| Screw threading | M 6 |
| Tightening torque, min. | 6 Nm |
| Tightening torque, max. | 8 Nm |

Data sheet

1582.2 RK 50-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 | B10 |
| Banded wire up to | 11,8 x 5,0 mm |

Environmental Product Compliance

| | |
|--------------------------------|------------|
| 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 |
|--------------|--------------|

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

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

| | |
|-------------------------------|-------|
| CSA Usegroup C: rated current | 150 A |
|-------------------------------|-------|

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|----------------------------------|---|
| CSA wire cross-section AWG, min. | 6 |
|----------------------------------|---|

| | |
|----------------------------------|-----|
| CSA wire cross-section AWG, max. | 1/0 |
|----------------------------------|-----|

| | |
|----------------------|-------|
| CSA stripping length | 27 mm |
|----------------------|-------|

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

CSAus approval

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

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

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

| | |
|---------------------------------|-------|
| CSAus Usegroup C: rated current | 150 A |
|---------------------------------|-------|

| | |
|------------------------------------|---|
| CSAus wire cross-section AWG, min. | 6 |
|------------------------------------|---|

| | |
|------------------------------------|-----|
| CSAus wire cross-section AWG, max. | 1/0 |
|------------------------------------|-----|

| | |
|------------------------|-------|
| CSAus stripping length | 27 mm |
|------------------------|-------|

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

KEMA KEUR approval

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

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

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

| | |
|--------------------|-------|
| KEMA rated current | 150 A |
|--------------------|-------|

| | |
|----------------------------|------|
| KEMA rated impulse voltage | 8 kV |
|----------------------------|------|

| | |
|---|--------------------|
| KEMA wire cross-section single core (rigid), min. | 16 mm ² |
|---|--------------------|

| | |
|---|--------------------|
| KEMA wire cross-section single-core (rigid), max. | 50 mm ² |
|---|--------------------|

| | |
|--|--------------------|
| KEMA wire cross-section stranded, min. | 25 mm ² |
|--|--------------------|

| | |
|--|--------------------|
| KEMA wire cross-section stranded, max. | 50 mm ² |
|--|--------------------|

Approvals

UL Recognized

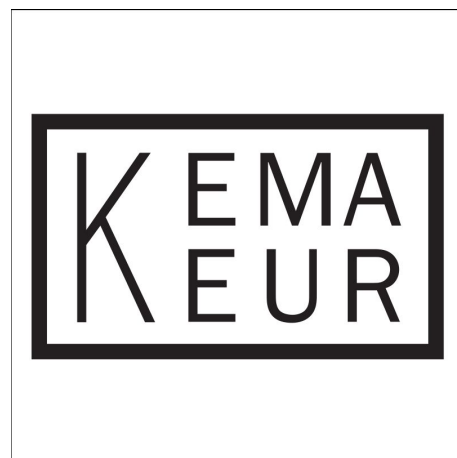
| | |
|---|----------|
| UL approval | UL 1059 |
| UL Usegroup B: rated voltage | 600 V |
| UL Usegroup B: rated current | 150 A |
| UL Usegroup C: rated voltage | 600 V |
| UL Usegroup C: rated current | 150 A |
| UL wire cross-section single-core (rigid) AWG, min. | 6 |
| UL wire cross-section single-core (rigid) AWG, max. | 1/0 |
| UL wire cross-section stranded AWG, min. | 6 |
| UL wire cross-section stranded AWG, max. | 1/0 |
| UL torque | 35 Lb In |
| UL wire material | Cu |
| UL factory wiring | 1 |
| UL File Number | E95701 |
| UL Recognized | 1 |

German Lloyd approval

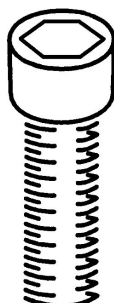
| | |
|----------------------------|---|
| DNV GL Certificate number | TAE000014T |
| DNV GL Location Classes | Temperature: B, Humidity: B, Vibration: A |
| DNV GL approval granted | 1 |
| DNV GL rated cross-section | 50 mm ² |
| DNV GL rated current | 150 A |
| DNV GL rated voltage | 600 V |
| DNV GL test standard | IEC 60947-7-1:2002 |

Media

EAC



M6



Accessories

Cover



Cover, Length: 50 mm, Width: 10 mm, Colour: Yellow

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>2810.0</u> | AD 1/50/B YE | 4044211055387 | 20 ST |

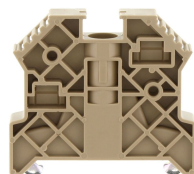
Inlay profile



Inlay plate, Colour: natural

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>2274.0</u> | EP 50 | 4044211050818 | 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>2818.0</u> | ISKS 5 | 4044211055448 | 1 ST |

Measurement pick-off terminal

Data sheet

1582.2 RK 50-D BG



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 |
|------------------------|--------------|---------------|----------------|
| 1121.2 | MAG 50 BG | 4044211080914 | 10 ST |

Insulated cross-connector



External insulated cross-connector, No. of poles: 2, Mounting type: Plug in, Width: 36.44 mm, Rated current: 150 A; Colour: Yellow

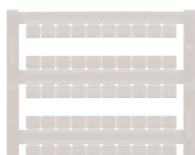
| Article number | Article name | GTIN (EAN) | Packaging unit |
|------------------------|--------------|---------------|----------------|
| 2763.2 | AQI 2/50 YE | 4044211054939 | 5 |



External insulated cross-connector, No. of poles: 3, Mounting type: Plug in, Width: 57.04 mm, Rated current: 150 A; Colour: Yellow

| Article number | Article name | GTIN (EAN) | Packaging unit |
|------------------------|--------------|---------------|----------------|
| 2764.2 | AQI 3/50 YE | 4044211054946 | 5 |

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 |

##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 |
|------------------------|--------------|---------------|----------------|
| 1121.2 | MAG 50 BG | 4044211080914 | 10 ST |