

Feed-through terminal, Screw connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 10 mm², Width: 8 mm, Colour: Black

RAL: 9005

Business data

| | |
|--|-----------------------|
| Article number | 1749.4 |
| Article name | RK 6-10 PA-G BK |
| GTIN (EAN) | 4044211141141 |
| Packaging unit | 100 |
| Quantity unit | PC |
| Weight per piece (not including packaging) | 27 g |
| Weight per piece (including packaging) | 28.44 g |
| Unit of weight | G |
| Customs number | 85369010 |
| Country of origin | CZ |
| Product description | Feed-through terminal |
| Colour | Black |

Technical data

Dimensions

| | |
|------------------|-------|
| Length | 48 mm |
| Width | 8 mm |
| Height TS 35/7.5 | 47 mm |

Ratings

| | |
|---|--------------------|
| Rated voltage | 800 V |
| Rated current | 57 A |
| Rated cross-section | 10 mm ² |
| Rated impulse voltage | 6 kV |
| Overvoltage category | III |
| Contamination degree | 3 |
| Maximum power dissipation for nominal condition | 1.82 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. | 0.2 mm ² |
| Wire cross-section single core (rigid)/stranded, max. | 10 mm ² |
| Wire cross-section stranded, min. | 0.2 mm ² |
| Wire cross-section stranded, max. | 10 mm ² |
| Wire cross-section stranded with wire-end ferrules, min. | 0.2 mm ² |
| Wire cross-section stranded with wire-end ferrules, max. | 10 mm ² |
| Wire cross-section AWG, min. | 22 |
| Wire cross-section AWG, max. | 8 |
| Stripping length | 9 mm |
| Screw head | Slotted |
| Screw threading | M 4 |
| Tightening torque, min. | 1.2 Nm |
| Tightening torque, max. | 2 Nm |

Technical data

Materials

| | |
|---------------------------|---------------|
| Insulation housing | Polyamide 6.6 |
| Glass-fibre reinforced | ✓ |
| Flammability class UL 94 | V-0 |
| Working temperature, min. | -40 °C |
| Working temperature, max. | 140 °C |

Further technical data

| | |
|-------------------------------------|-------------------------|
| Mounting type | Mounting rail TS 35/7,5 |
| Gauge plug acc. to EN 60 947-1 | A5 |
| Number of cross-connection channels | 1 |
| End plate required | ✓ |
| Number of test pick-off options | 1 |

Environmental Product Compliance

| | |
|--------------------------------|------------|
| REACH Conform | yes |
| REACH Reference date | 2024-01-23 |
| REACH Candidate Substance Note | No |
| RoHS Conform | yes |

Approvals

Standards and regulations

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

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

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|-------------------------------|------|
| CSA Usegroup C: rated current | 65 A |
|-------------------------------|------|

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

| | |
|----------------------------------|---|
| CSA wire cross-section AWG, max. | 8 |
|----------------------------------|---|

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|----------------------|-------|
| CSA stripping length | 12 mm |
|----------------------|-------|

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|------------------|------|
| CSA torque, max. | 2 Nm |
|------------------|------|

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|------------------|--------|
| CSA torque, min. | 1.2 Nm |
|------------------|--------|

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

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 | 65 A |
|---------------------------------|------|

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

| | |
|------------------------------------|---|
| CSAus wire cross-section AWG, max. | 8 |
|------------------------------------|---|

| | |
|------------------------|-------|
| CSAus stripping length | 12 mm |
|------------------------|-------|

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

Approvals

KEMA KEUR approval

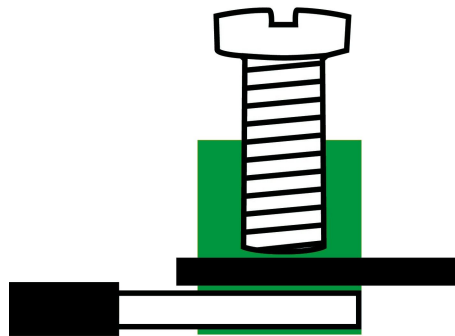
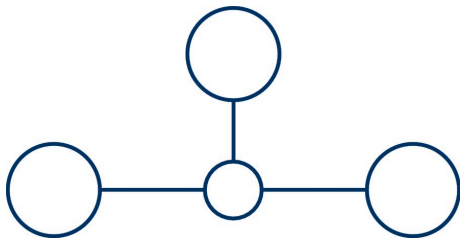
| | |
|---|---------------------|
| KEMA KEUR approval | EN 60947-7-1:2009 |
| KEMA KEUR approval granted | yes |
| KEMA rated voltage | 800 V |
| KEMA rated current | 57 A |
| KEMA rated impulse voltage | 6 kV |
| KEMA wire cross-section single core (rigid), min. | 0.2 mm ² |
| KEMA wire cross-section single-core (rigid), max. | 10 mm ² |
| KEMA wire cross-section stranded, min. | 0.2 mm ² |
| KEMA wire cross-section stranded, max. | 10 mm ² |
| KEMA torque, min. | 1.2 Nm |
| KEMA torque, max. | 2 Nm |

Media

M4



EAC



Accessories

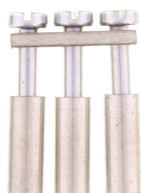
End plate



End plate, Width: 1.5 mm, Colour: Beige

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>2001.2</u> | AP 2,5-10 BG | 4044211047979 | 50 |

Cross-connector



Cross-connector, No. of poles: 3, Mounting type: Can be screwed on, Width: 17 mm, Rated cross-section: 4 mm², Colour: natural

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>2020.0</u> | Q 3 | 4044211048235 | 50 ST |



Cross-connector, No. of poles: 2, Mounting type: Can be screwed on, Width: 10.9 mm, Rated cross-section: 4 mm², Colour: natural

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>2019.0</u> | Q 2 | 4044211048228 | 50 ST |



Cross-connector, No. of poles: 4, Mounting type: Can be screwed on, Width: 23.1 mm, Rated cross-section: 4 mm², Colour: natural

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>2021.0</u> | Q 4 | 4044211048242 | 20 ST |

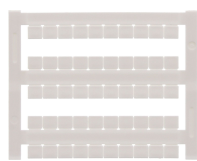


Cross-connector, No. of poles: 10, Mounting type: Can be screwed on, Width: 59.7 mm, Rated cross-section: 4 mm², Colour: natural

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>2022.0</u> | Q 10 | 4044211048259 | 10 ST |

Quick marking

1749.4 RK 6-10 PA-G BK



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 |

Insulation plate



Insulation plate, Colour: Beige

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>2003.2</u> | TRS 1 BG | 4044211048068 | 100 |

Partition plate



Partition plate, Width: 1.5 mm, Colour: Beige

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>2002.2</u> | TW 2,5-10 BG | 4044211048044 | 50 |

##INVERSE##CONTA-CONNECT



Test adapter, Length: 37.3 mm, Pitch size: 8 mm, Colour: Beige

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>2817.0</u> | TA 8/1/ST | 4044211055431 | 10 ST |