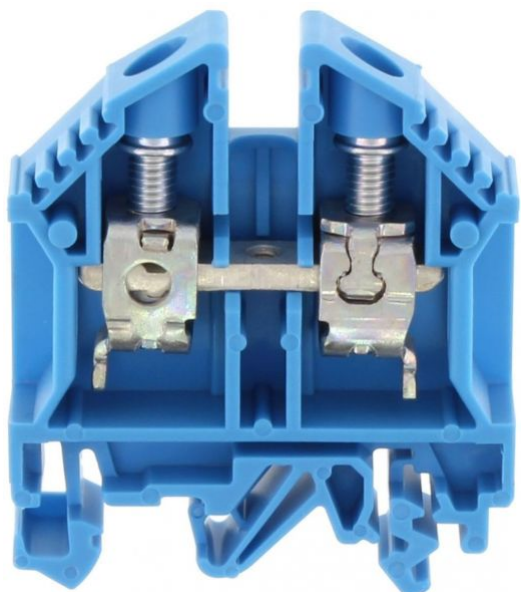


1162.5

RK 16/Z BU

RK 16/Z BU



Feed-through terminal, Screw connection, Mounting type: Mounting rail TS 35/7.5 and TS 32, Rated cross-section: 16 mm², Width: 12 mm, Colour: Blue

Business data

| | |
|--|-----------------------|
| Product description | Feed-through terminal |
| Packaging unit | 50 |
| Quantity unit | PC |
| Weight per piece (not including packaging) | 27.8 |
| Weight per piece (including packaging) | 29.68 |
| Unit of weight | G |
| Customs number | 85369010 |
| Country of origin | DE |

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RK 16/Z BU

RK 16/Z BU

Technical Data

Dimensions

| | |
|------------------|---------|
| Length | 50 mm |
| Width | 12 mm |
| Height TS 35/7.5 | 58.5 mm |
| Height TS 32 | 63 mm |

Ratings

| | |
|-----------------------|--------------------|
| Rated voltage | 800 V |
| Rated current | 76 A |
| Rated cross-section | 16 mm ² |
| Rated impulse voltage | 8 kV |
| Overvoltage category | III |
| Contamination degree | 3 |

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RK 16/Z BU

RK 16/Z BU

Technical Data

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 ² |
| Wire cross-section single core (rigid)/stranded, max. | 25 mm ² |
| Wire cross-section stranded, min. | 2.5 mm ² |
| Wire cross-section stranded, max. | 16 mm ² |
| Wire cross-section stranded with wire-end ferrules, min. | 2.5 mm ² |
| Wire cross-section stranded with wire-end ferrules, max. | 16 mm ² |
| Wire cross-section AWG, min. | 10 |
| Wire cross-section AWG, max. | 6 |
| Stripping length | 15 mm |
| Screw head | Slotted |
| Screw threading | M 5 |
| Tightening torque, min. | 2 Nm |
| Tightening torque, max. | 4 Nm |

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RK 16/Z BU

RK 16/Z BU

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 rail TS 35/7.5 and TS 32 |
|---------------|-----------------------------------|

| | |
|--------------------------------|----|
| Gauge plug acc. to EN 60 947-1 | B7 |
|--------------------------------|----|

| | |
|-------------------------------------|---|
| Number of cross-connection channels | 1 |
|-------------------------------------|---|

| | |
|--------------------|---|
| End plate required | ✓ |
|--------------------|---|

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RK 16/Z BU

RK 16/Z BU

Approvals

Standards and regulations

| | |
|--------------|----------------|
| EAC approval | TR ZU 004/2011 |
|--------------|----------------|

| | |
|----------------------|---|
| EAC approval granted | ✓ |
|----------------------|---|

CSA approval

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

| | |
|----------------------|---|
| CSA approval granted | ✓ |
|----------------------|---|

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

| | |
|-------------------------------|------|
| CSA Usegroup C: rated current | 70 A |
|-------------------------------|------|

| | |
|----------------------------------|----|
| CSA wire cross-section AWG, min. | 10 |
|----------------------------------|----|

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

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

| | |
|------------------|------|
| CSA torque, max. | 4 Nm |
|------------------|------|

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

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RK 16/Z BU

RK 16/Z BU

Approvals

German Lloyd approval

| | |
|---------------------------|--------------------|
| GL approval | IEC 60947-7-1 |
| GL approval granted | ✓ |
| GL rated voltage | 750 V |
| GL rated current | 82 A |
| GL rated cross-section | 16 mm ² |
| GL environmental category | C |

KEMA KEUR approval

| | |
|---|---------------------|
| KEMA KEUR approval | EN 60947-7-1 |
| KEMA KEUR approval granted | ✓ |
| 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 ² |
| KEMA wire cross-section single-core (rigid), max. | 25 mm ² |
| KEMA wire cross-section stranded, min. | 2.5 mm ² |
| KEMA wire cross-section stranded, max. | 16 mm ² |

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RK 16/Z BU

RK 16/Z BU

Approvals

UL Recognized

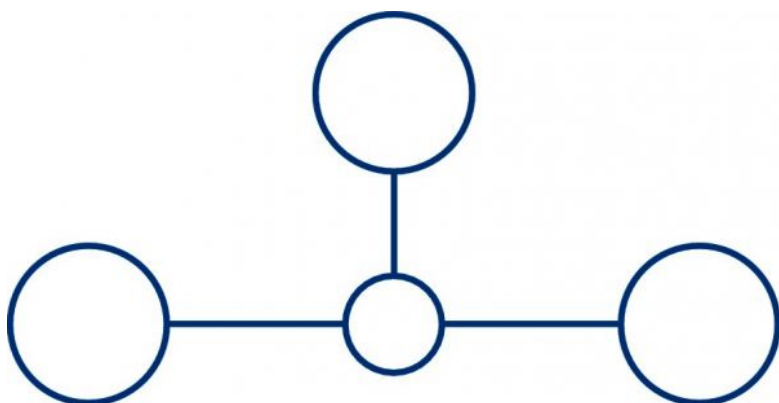
| | |
|---|------------|
| UL Recognized | UL 1059 |
| UL Recognized granted | ✓ |
| UL Usegroup C: rated voltage | 600 V |
| UL Usegroup C: rated current | 65 A |
| UL wire cross-section single-core (rigid) AWG, min. | 10 |
| UL wire cross-section single-core (rigid) AWG, max. | 6 |
| UL wire cross-section stranded AWG, min. | 10 |
| UL wire cross-section stranded AWG, max. | 6 |
| UL torque | 10.5 Lb In |
| UL wire material | Cu |
| UL factory wiring | ✓ |
| UL field wiring | ✓ |

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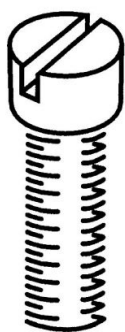
RK 16/Z BU

RK 16/Z BU

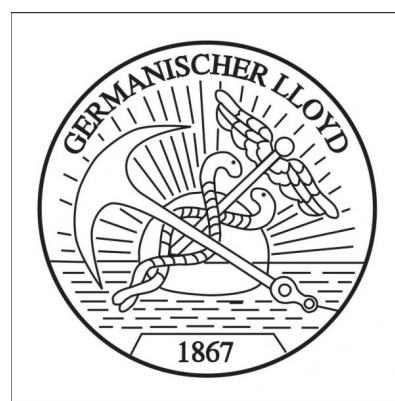
Media



M5



EAC



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RK 16/Z BU

RK 16/Z BU

Media



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RK 16/Z BU

RK 16/Z BU

Accessories

Cover



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

In general

| Order number | Article designation | GTIN (EAN) | Packaging unit |
|--------------|---------------------|---------------|----------------|
| 2969.0 | AD 1/12 | 4044211056988 | 20 PC |



Cover, Length: 30 mm, Width: 10.7 mm, Colour: Yellow

In general

| Order number | Article designation | GTIN (EAN) | Packaging unit |
|--------------|---------------------|---------------|----------------|
| 2819.0 | AD 1/12/B | 4044211055455 | 20 PC |

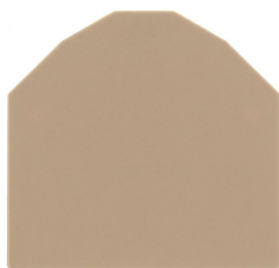
1162.5

RK 16/Z BU

RK 16/Z BU

Accessories

End plate



End plate, Width: 1.5 mm, Colour: Beige

In general

| Order number | Article designation | GTIN (EAN) | Packaging unit |
|--------------|---------------------|---------------|----------------|
| 2104.2 | AP 16 | 4044211049164 | 20 PC |

End bracket



End stop, Mounting type: Mounting rail TS 35/7.5,
Width: 9.5 mm, Colour: Beige

In general

| Order number | Article designation | GTIN (EAN) | Packaging unit |
|--------------|---------------------|---------------|----------------|
| 2828.0 | ES 35/K/ST | 4044211055547 | 50 PC |

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RK 16/Z BU

RK 16/Z BU

Accessories

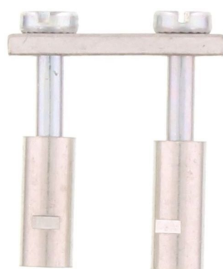
Cross connector



Cross-connector, No. of poles: 10, Mounting type: Can be screwed on, Width: 115.3 mm, Rated cross-section: 16 mm², Colour: natural

In general

| Order number | Article designation | GTIN (EAN) | Packaging unit |
|--------------|---------------------|---------------|----------------|
| 2115.0 | Q 10 | 4044211049294 | 10 PC |



Cross-connector, No. of poles: 2, Mounting type: Can be screwed on, Width: 20.1 mm, Rated cross-section: 16 mm², Colour: natural

In general

| Order number | Article designation | GTIN (EAN) | Packaging unit |
|--------------|---------------------|---------------|----------------|
| 2112.0 | Q 2 | 4044211049263 | 20 PC |

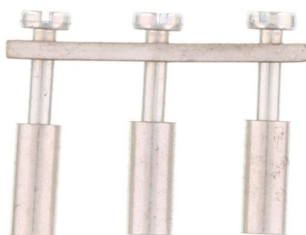
1162.5

RK 16/Z BU

RK 16/Z BU

Accessories

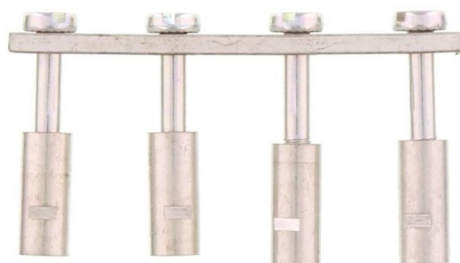
Cross connector



Cross-connector, No. of poles: 3, Mounting type: Can be screwed on, Width: 32 mm, Rated cross-section: 16 mm², Colour: natural

In general

| Order number | Article designation | GTIN (EAN) | Packaging unit |
|--------------|---------------------|---------------|----------------|
| 2113.0 | Q 3 | 4044211049270 | 20 PC |



Cross-connector, No. of poles: 4, Mounting type: Can be screwed on, Width: 43.9 mm, Rated cross-section: 16 mm², Colour: natural

In general

| Order number | Article designation | GTIN (EAN) | Packaging unit |
|--------------|---------------------|---------------|----------------|
| 2114.0 | Q 4 | 4044211049287 | 10 PC |

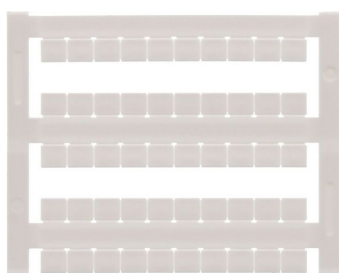
1162.5

RK 16/Z BU

RK 16/Z BU

Accessories

Quick-marking



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

In general

| Order number | Article designation | GTIN (EAN) | Packaging unit |
|--------------|---------------------|---------------|----------------|
| 4702.7 | PMC SB 6/50 WH | 4044211089986 | 500 PC |

Screw driver



Screwdriver with bare blade, Colour: Black-grey

In general

| Order number | Article designation | GTIN (EAN) | Packaging unit |
|--------------|---------------------|---------------|----------------|
| 1087.0 | SDB 0,8x4,0 | 4044211014803 | 1 PC |

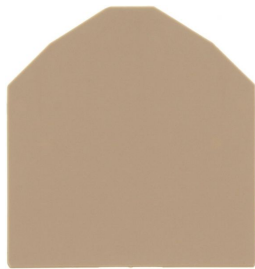
1162.5

RK 16/Z BU

RK 16/Z BU

Accessories

Partition plate



Partition plate, Width: 1.5 mm, Colour: Beige

In general

| Order number | Article designation | GTIN (EAN) | Packaging unit |
|--------------|---------------------|---------------|----------------|
| 2105.2 | TW 16 | 4044211049195 | 20 PC |
