# Data sheet

## 1320.2 BKA 2,5/1 BG



Feed-through terminal for direct mount, Screw connection, Mounting type: Mounting surface, Rated cross-section: 2.5 mm², Width: 5 mm, Colour: Beige

## Business data

| | |
|---|---|
| Article number | 1320.2 |
| Article name | BKA 2,5/1 BG |
| GTIN (EAN) | 4044211042967 |
| Packaging unit | 100 |
| Quantity unit | PC |
| Weight per piece (not including packaging) | 3.4 g |
| Weight per piece (including packaging) | 3.78 g |
| Unit of weight | G |
| Customs number | 85369010 |
| Country of origin | DE |
| Prio-Article | 1320.2 |
| Product description | Feed-through terminal for direct mount |

# Data sheet

## 1320.2 BKA 2,5/1 BG

## Technical data

### Dimensions

| | |
|---|---|
| Length | 22 mm |
| Width | 5 mm |
| Height | 23 mm |
| Pitch | 5 mm |

### Ratings

| | |
|---|---|
| Rated voltage | 400 V |
| Rated current | 24 A |
| Rated cross-section | 2.5 mm² |
| Rated impulse voltage | 6 kV |
| Overvoltage category | III |
| Contamination degree | 3 |
| Maximum power dissipation for nominal condition | 0.77 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. | 0.2 mm² |
| Wire cross-section single core (rigid)/stranded, max. | 4 mm² |
| Wire cross-section stranded, min. | 0.2 mm² |
| Wire cross-section stranded, max. | 4 mm² |
| Wire cross-section stranded with wire-end ferrules, min. | 0.2 mm² |
| Wire cross-section stranded with wire-end ferrules, max. | 2.5 mm² |
| Wire cross-section AWG, min. | 22 |
| Wire cross-section AWG, max. | 12 |
| Stripping length | 7 mm |
| Screw head | Slotted |
| Screw threading | M 2,5 |
| Tightening torque, min. | 0.4 Nm |
| Tightening torque, max. | 0.8 Nm |

# Data sheet

## 1320.2 BKA 2,5/1 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 | A3 |
| End plate required | ✓ |

### Environmental Product Compliance

| | |
|---|---|
| REACH Conform | yes |
| REACH Reference date | 2022-01-07, 2022-06-10 |
| REACH Candidate Substance Note | No |
| RoHS Conform | yes |

## Approvals

### Standards and regulations

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

### cUL Recognized

| | |
|---|---|
| cUL approval | C22.2 No 158 |
| cUL Usegroup B: rated voltage | 300 V |
| cUL Usegroup B: rated current | 20 A |
| cUL Usegroup C: rated voltage | 300 V |
| cUL Usegroup C: rated current | 20 A |
| cUL wire cross-section single-core (rigid) AWG, min. | 22 |
| cUL wire cross-section single-core (rigid) AWG, max. | 12 |
| cUL wire cross-section stranded AWG, min. | 22 |
| cUL wire cross-section stranded AWG, max. | 12 |
| cUL torque | 5.3 Nm |
| cUL wire material | Cu |
| cUL Recognized | 1 |

### KEMA KEUR approval

| | |
|---|---|
| KEMA KEUR approval | EN 60947-7-1:2009 |
| KEMA KEUR approval granted | yes |
| KEMA rated voltage | 400 V |
| KEMA rated current | 24 A |
| KEMA rated impulse voltage | 6 kV |
| KEMA wire cross-section single core (rigid), min. | 0.2 mm² |
| KEMA wire cross-section single-core (rigid), max. | 4 mm² |
| KEMA wire cross-section stranded, min. | 0.2 mm² |
| KEMA wire cross-section stranded, max. | 4 mm² |
| KEMA torque, min. | 0.4 Nm |
| KEMA torque, max. | 0.8 Nm |

# Data sheet

## 1320.2 BKA 2,5/1 BG

## Approvals

### UL Recognized

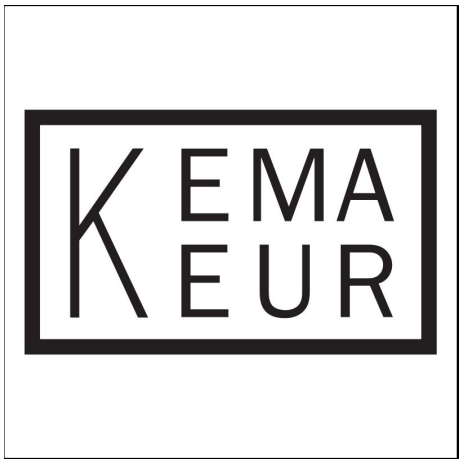
| | |
|---|---|
| UL approval | UL 1059 |
| UL Usegroup B: rated voltage | 300 V |
| UL Usegroup B: rated current | 20 A |
| UL Usegroup C: rated voltage | 300 V |
| UL Usegroup C: rated current | 20 A |
| UL wire cross-section single-core (rigid) AWG, min. | 22 |
| UL wire cross-section single-core (rigid) AWG, max. | 12 |
| UL wire cross-section stranded AWG, min. | 22 |
| UL wire cross-section stranded AWG, max. | 12 |
| UL torque | 5.3 Lb In |
| UL wire material | Cu |
| UL factory wiring | 1 |
| UL field wiring | 1 |
| UL Recognized | 1 |

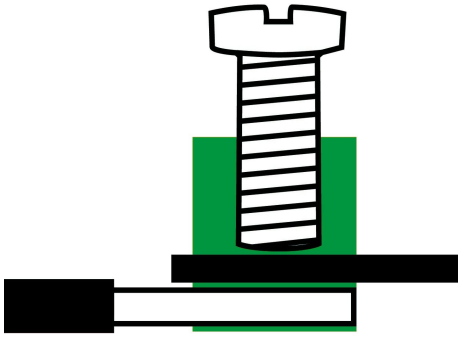
## Media









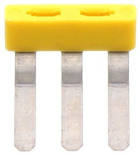
## Accessories

### Insulated external cross-connector



External insulated cross-connector, No. of poles: 10, Mounting type: Plug in, Width: 50.1 mm, Rated current: 27 A; Colour: Yellow

| Article number | Article name | GTIN (EAN) | Packaging unit |
|---|---|---|---|
| 2045.0 | AQI 10/5/11 YE | 4044211048501 | 10 ST |



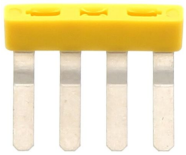
External insulated cross-connector, No. of poles: 3, Mounting type: Plug in, Width: 14.36 mm, Rated current: 27 A; Colour: Yellow

| Article number | Article name | GTIN (EAN) | Packaging unit |
|---|---|---|---|
| 2033.0 | AQI 3/5/11 YE | 4044211048358 | 50 ST |



External insulated cross-connector, No. of poles: 2, Mounting type: Plug in, Width: 9.26 mm, Rated current: 27 A; Colour: Yellow

| Article number | Article name | GTIN (EAN) | Packaging unit |
|---|---|---|---|
| 2032.0 | AQI 2/5/11 YE | 4044211048341 | 50 ST |



External insulated cross-connector, No. of poles: 4, Mounting type: Plug in, Width: 19.46 mm, Rated current: 27 A; Colour: Yellow

| Article number | Article name | GTIN (EAN) | Packaging unit |
|---|---|---|---|
| 2044.0 | AQI 4/5/11 YE | 4044211048495 | 50 ST |

### End support



End support, Mounting type: Mounting surface, Width: 5 mm, Colour: Beige

| Article number | Article name | GTIN (EAN) | Packaging unit |
|---|---|---|---|
| 2147.2 | EH 2/Z BG | 4044211049683 | 50 ST |



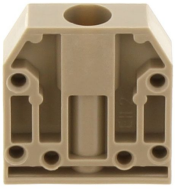
End support, Mounting type: Mounting rail TS 15/5.5, Width: 9 mm, Colour: Beige

| Article number | Article name | GTIN (EAN) | Packaging unit |
|---|---|---|---|
| 2945.2 | EH 15 BG | 4044211056728 | 50 ST |

# Data sheet

## 1320.2 BKA 2,5/1 BG

### End support



End support, Mounting type: Mounting surface, Width: 7 mm, Colour: Beige

| Article number | Article name | GTIN (EAN) | Packaging unit |
|---|---|---|---|
| 2136.2 | EH 2 BG | 4044211049553 | 50 |

### Quick marking



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

| Article number | Article name | GTIN (EAN) | Packaging unit |
|---|---|---|---|
| 4600.7 | PMC SB 5/50 WH | 4044211088903 | 500 ST |

### Screwdriver



Screwdriver with bare blade, Colour: Black-grey

| Article number | Article name | GTIN (EAN) | Packaging unit |
|---|---|---|---|
| 1085.0 | SDB 0,5x3,0 | 4044211014643 | 1 ST |