



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

Business data

| | |
|--------------------------------------------|----------------------------------------|
| Article number | 1342.2 |
| Article name | BKA 2,5/10 e.B. BG |
| GTIN (EAN) | 4044211043902 |
| Packaging unit | 20 |
| Quantity unit | PC |
| Weight per piece (not including packaging) | 38.88 g |
| Weight per piece (including packaging) | 42.14 g |
| Unit of weight | G |
| Customs number | 85369010 |
| Country of origin | DE |
| Product description | Feed-through terminal for direct mount |
| Colour | Beige |

Technical data

Dimensions

| | |
|---------------------------------------|---------|
| Length | 65.3 mm |
| Height | 23 mm |
| Hole spacing (mid-point to mid-point) | 58.2 mm |
| Pitch | 5 mm |

Ratings

| | |
|-------------------------------------------------|---------------------|
| Rated voltage | 400 V |
| Rated current | 24 A |
| Rated cross-section | 2.5 mm ² |
| Rated impulse voltage | 6 kV |
| Overvoltage category | III |
| Contamination degree | 3 |
| Maximum power dissipation for nominal condition | 0.77 W |

Connection data

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|----------------------------------------------------------|---------------------|
| Connection principle | Screw connection |
| Connection position | Lateral |
| Connections | 20 |
| 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. | 4 mm ² |
| Wire cross-section stranded, min. | 0.2 mm ² |
| Wire cross-section stranded, max. | 4 mm ² |
| Wire cross-section stranded with wire-end ferrules, min. | 0.2 mm ² |
| Wire cross-section stranded with wire-end ferrules, max. | 2.5 mm ² |
| 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 |

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

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|--------------------------------|---------------|
| 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 | 2023-01-17 |
| 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 |
|----------------------|-----|

cUL Recognized

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

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|-------------------------------|-------|
| cUL Usegroup B: rated voltage | 300 V |
|-------------------------------|-------|

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|-------------------------------|------|
| cUL Usegroup B: rated current | 20 A |
|-------------------------------|------|

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|-------------------------------|-------|
| cUL Usegroup C: rated voltage | 300 V |
|-------------------------------|-------|

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|-------------------------------|------|
| cUL Usegroup C: rated current | 20 A |
|-------------------------------|------|

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|------------------------------------------------------|----|
| cUL wire cross-section single-core (rigid) AWG, min. | 22 |
|------------------------------------------------------|----|

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|------------------------------------------------------|----|
| cUL wire cross-section single-core (rigid) AWG, max. | 12 |
|------------------------------------------------------|----|

| | |
|-------------------------------------------|----|
| cUL wire cross-section stranded AWG, min. | 22 |
|-------------------------------------------|----|

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|-------------------------------------------|----|
| cUL wire cross-section stranded AWG, max. | 12 |
|-------------------------------------------|----|

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| cUL torque | 5.3 Nm |
|------------|--------|

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|-------------------|----|
| cUL wire material | Cu |
|-------------------|----|

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|----------------|---|
| cUL Recognized | 1 |
|----------------|---|

KEMA KEUR approval

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

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

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|--------------------|-------|
| 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 mm ² |
|---------------------------------------------------|---------------------|

| | |
|---------------------------------------------------|-------------------|
| KEMA wire cross-section single-core (rigid), max. | 4 mm ² |
|---------------------------------------------------|-------------------|

| | |
|----------------------------------------|---------------------|
| KEMA wire cross-section stranded, min. | 0.2 mm ² |
|----------------------------------------|---------------------|

| | |
|----------------------------------------|-------------------|
| KEMA wire cross-section stranded, max. | 4 mm ² |
|----------------------------------------|-------------------|

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|-------------------|--------|
| KEMA torque, min. | 0.4 Nm |
|-------------------|--------|

| | |
|-------------------|--------|
| KEMA torque, max. | 0.8 Nm |
|-------------------|--------|

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

EAC



C [®] RU US

M2.5



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 |
|----------------|----------------|---------------|----------------|
| <u>2045.0</u> | AQI 10/5/11 YE | 4044211048501 | 10 ST |



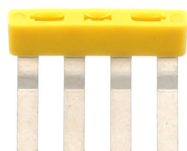
External insulated cross-connector, No. of poles: 3, Mounting type: Plug in, Width: 14.36 mm, Rated current: 27 A; Colour: Yellow

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|---------------|---------------|----------------|
| <u>2033.0</u> | 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 |
|----------------|---------------|---------------|----------------|
| <u>2032.0</u> | 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 |
|----------------|---------------|---------------|----------------|
| <u>2044.0</u> | AQI 4/5/11 YE | 4044211048495 | 50 ST |

Quick marking



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

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

Screwdriver

1342.2 BKA 2,5/10 e.B. BG

Screwdriver with bare blade, Colour: Black-grey



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