



Feed-through terminal for direct mount, Screw connection, Mounting type: Mounting surface, Rated cross-section: 2.5 mm<sup>2</sup>, Colour: Beige

### Business data

|                                            |                                        |
|--------------------------------------------|----------------------------------------|
| Article number                             | 1349.2                                 |
| Article name                               | BKA 2,5/20 e.B. BG                     |
| GTIN (EAN)                                 | 4044211043971                          |
| Packaging unit                             | 10                                     |
| Quantity unit                              | PC                                     |
| Weight per piece (not including packaging) | 72 g                                   |
| Weight per piece (including packaging)     | 76.74 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                                | 116.2 mm |
| Height                                | 23 mm    |
| Hole spacing (mid-point to mid-point) | 108.1 mm |
| Pitch                                 | 5 mm     |

#### Ratings

|                                                 |                     |
|-------------------------------------------------|---------------------|
| Rated voltage                                   | 400 V               |
| Rated current                                   | 24 A                |
| Rated cross-section                             | 2.5 mm <sup>2</sup> |
| 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                                              | 40                  |
| Number of terminals per level                            | 2                   |
| Number of levels                                         | 1                   |
| Wire cross-section single-core (rigid) / stranded, min.  | 0.2 mm <sup>2</sup> |
| Wire cross-section single core (rigid)/stranded, max.    | 4 mm <sup>2</sup>   |
| Wire cross-section stranded, min.                        | 0.2 mm <sup>2</sup> |
| Wire cross-section stranded, max.                        | 4 mm <sup>2</sup>   |
| Wire cross-section stranded with wire-end ferrules, min. | 0.2 mm <sup>2</sup> |
| Wire cross-section stranded with wire-end ferrules, max. | 2.5 mm <sup>2</sup> |
| 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              |

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### Technical data

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#### 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           | 2023-01-17 |
| 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 mm <sup>2</sup> |
|---------------------------------------------------|---------------------|

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

|                                        |                     |
|----------------------------------------|---------------------|
| KEMA wire cross-section stranded, min. | 0.2 mm <sup>2</sup> |
|----------------------------------------|---------------------|

|                                        |                   |
|----------------------------------------|-------------------|
| KEMA wire cross-section stranded, max. | 4 mm <sup>2</sup> |
|----------------------------------------|-------------------|

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

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

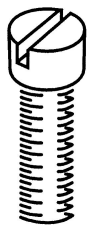
### Approvals

#### UL Recognized

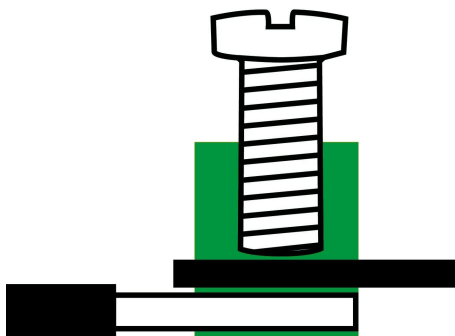
|                                                     |           |
|-----------------------------------------------------|-----------|
| UL approval                                         | UL 1059   |
| UL Usegroup B: rated voltage                        | 300 V     |
| UL Usegroup B: rated current                        | 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

**M2.5**



**EAC**



**CUL<sup>®</sup> US**

### 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          |



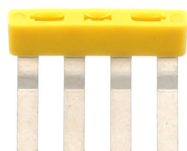
External insulated cross-connector, No. of poles: 3, Mounting type: Plug in, Width: 14.36 mm, Rated current: 27 A; Colour: Yellow

| 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

## 1349.2 BKA 2,5/20 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           |