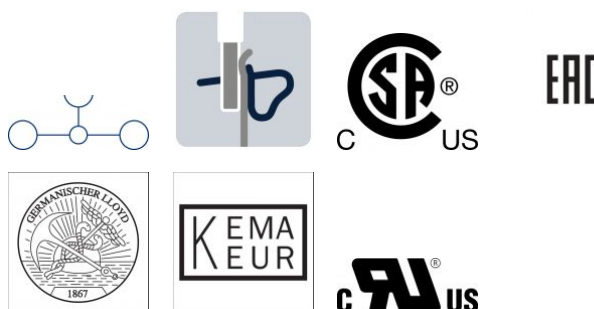


3640.2

ZSLN 2,5/2A-D/F BKYE

ZSLN 2,5/2A-D/F BKYE



Feed-through terminal for direct mount, Tension-spring connection, Mounting type: Mounting surface, Rated cross-section: 2.5 mm<sup>2</sup>, Width: 11.1 mm, Colour: Black-yellow

## Business data

|  |  |
|--|--|
| Product description                        | Feed-through terminal for direct mount |
| Packaging unit                             | 50                                     |
| Quantity unit                              | PC                                     |
| Weight per piece (not including packaging) | 4                                      |
| Weight per piece (including packaging)     | 4.86                                   |
| Unit of weight                             | G                                      |
| Customs number                             | 85369010                               |
| Country of origin                          | DE                                     |

**3640.2**

**ZSLN 2,5/2A-D/F BKYE**

**ZSLN 2,5/2A-D/F BKYE**

## Technical Data

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### Dimensions

---

|        |         |
|--------|---------|
| Length | 40 mm   |
| Width  | 11.1 mm |
| Height | 24 mm   |

### Ratings

---

|                       |                     |
|-----------------------|---------------------|
| Rated voltage         | 800 V               |
| Rated current         | 24 A                |
| Rated cross-section   | 2.5 mm <sup>2</sup> |
| Rated impulse voltage | 8 kV                |
| Overvoltage category  | III                 |
| Contamination degree  | 3                   |

**3640.2**

**ZSLN 2,5/2A-D/F BKYE**

**ZSLN 2,5/2A-D/F BKYE**

## Technical Data

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### Connection data

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|  |                           |
|--|---------------------------|
| Connection principle                                     | Tension-spring connection |
| Connection position                                      | Diagonal                  |
| Connections  | 2                         |
| Number of terminals per level                            | 2                         |
| Number of levels   | 1                         |
| Wire cross-section single-core (rigid) / stranded, min.  | 0.5 mm <sup>2</sup>       |
| Wire cross-section single core (rigid)/stranded, max.    | 4 mm <sup>2</sup>         |
| Wire cross-section stranded, min.                        | 0.5 mm <sup>2</sup>       |
| Wire cross-section stranded, max.                        | 4 mm <sup>2</sup>         |
| Wire cross-section stranded with wire-end ferrules, min. | 0.5 mm <sup>2</sup>       |
| Wire cross-section stranded with wire-end ferrules, max. | 2.5 mm <sup>2</sup>       |
| Wire cross-section AWG, min.                             | 20                        |
| Wire cross-section AWG, max.                             | 12                        |
| Stripping length   | 10 mm                     |

### Materials

---

|                           |               |
|---------------------------|---------------|
| Insulation housing        | Polyamide 6.6 |
| Flammability class UL 94  | V-0           |
| Working temperature, min. | -40 °C        |

**3640.2**

**ZSLN 2,5/2A-D/F BKYE**

**ZSLN 2,5/2A-D/F BKYE**

## Technical Data

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### Materials

---

|                           |        |
|---------------------------|--------|
| Working temperature, max. | 120 °C |
|---------------------------|--------|

---

### Further technical data

---

|               |               |
|---------------|---------------|
| Mounting type | Mounting face |
|---------------|---------------|

---

|                                |    |
|--------------------------------|----|
| Gauge plug acc. to EN 60 947-1 | A3 |
|--------------------------------|----|

---

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

---

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

---

|                                 |   |
|---------------------------------|---|
| Number of test pick-off options | 2 |
|---------------------------------|---|

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**3640.2**

**ZSLN 2,5/2A-D/F BKYE**

**ZSLN 2,5/2A-D/F BKYE**

## Approvals

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### Standards and regulations

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|              |                |
|--------------|----------------|
| 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 | 300 V |
|-------------------------------|-------|

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

|                                  |    |
|----------------------------------|----|
| CSA wire cross-section AWG, min. | 20 |
|----------------------------------|----|

|                                  |    |
|----------------------------------|----|
| CSA wire cross-section AWG, max. | 12 |
|----------------------------------|----|

|                      |       |
|----------------------|-------|
| CSA stripping length | 10 mm |
|----------------------|-------|

### CSAus approval

---

|                |         |
|----------------|---------|
| CSAus approval | UL 1059 |
|----------------|---------|

|                        |   |
|------------------------|---|
| CSAus approval granted | ✓ |
|------------------------|---|

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

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

|                                    |    |
|------------------------------------|----|
| CSAus wire cross-section AWG, min. | 20 |
|------------------------------------|----|

**3640.2**

**ZSLN 2,5/2A-D/F BKYE**

**ZSLN 2,5/2A-D/F BKYE**

## Approvals

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### CSAus approval

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|                                    |       |
|------------------------------------|-------|
| CSAus wire cross-section AWG, max. | 12    |
| CSAus stripping length             | 10 mm |

### cUL Recognized

---

|  |              |
|--|--------------|
| cUL Recognized                                       | C22.2 No 158 |
| cUL Recognized                                       | ✓            |
| 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 Usegroup D: rated voltage                        | 300 V        |
| cUL Usegroup D: rated current                        | 20 A         |
| cUL wire cross-section single-core (rigid) AWG, min. | 20           |
| cUL wire cross-section single-core (rigid) AWG, max. | 12           |
| cUL wire cross-section stranded AWG, min.            | 20           |
| cUL wire cross-section stranded AWG, max.            | 12           |
| cUL wire material                                    | Cu           |

**3640.2**

**ZSLN 2,5/2A-D/F BKYE**

**ZSLN 2,5/2A-D/F BKYE**

## Approvals

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### German Lloyd approval

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|   |                     |
|---|---------------------|
| GL approval                                     | IEC 60947-7-2       |
| GL approval granted                             | ✓                   |
| GL rated voltage                                | 800 V               |
| GL rated current                                | 24 A                |
| GL wire cross-section single core (rigid), min. | 2.5 mm <sup>2</sup> |
| GL wire cross-section single-core (rigid), max. | 4 mm <sup>2</sup>   |
| GL wire cross-section, min.                     | 2.5 mm <sup>2</sup> |
| GL wire cross-section stranded, max.            | 4 mm <sup>2</sup>   |
| GL environmental category                       | C                   |

### KEMA KEUR approval

---

|   |                     |
|---|---------------------|
| KEMA KEUR approval                                | EN 60947-7-2        |
| KEMA KEUR approval granted                        | ✓                   |
| KEMA rated voltage                                | 800 V               |
| KEMA rated current                                | 8 A                 |
| KEMA rated impulse voltage                        | 24 kV               |
| KEMA wire cross-section single core (rigid), min. | 0.5 mm <sup>2</sup> |
| KEMA wire cross-section single-core (rigid), max. | 4 mm <sup>2</sup>   |
| KEMA wire cross-section stranded, min.            | 0.5 mm <sup>2</sup> |

**3640.2**

**ZSLN 2,5/2A-D/F BKYE**

**ZSLN 2,5/2A-D/F BKYE**

## Approvals

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### KEMA KEUR approval

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

---

### UL Recognized

---

|               |         |
|---------------|---------|
| UL Recognized | UL 1059 |
|---------------|---------|

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|                       |   |
|-----------------------|---|
| UL Recognized granted | ✓ |
|-----------------------|---|

---

|                              |       |
|------------------------------|-------|
| 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 Usegroup D: rated voltage | 300 V |
|------------------------------|-------|

---

|                              |      |
|------------------------------|------|
| UL Usegroup D: rated current | 20 A |
|------------------------------|------|

---

|   |    |
|---|----|
| UL wire cross-section single-core (rigid) AWG, min. | 20 |
|---|----|

---

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

---

|  |    |
|--|----|
| UL wire cross-section stranded AWG, min. | 20 |
|--|----|

---

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

---

|                  |    |
|------------------|----|
| UL wire material | Cu |
|------------------|----|

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|                   |   |
|-------------------|---|
| UL factory wiring | ✓ |
|-------------------|---|

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|                 |   |
|-----------------|---|
| UL field wiring | ✓ |
|-----------------|---|

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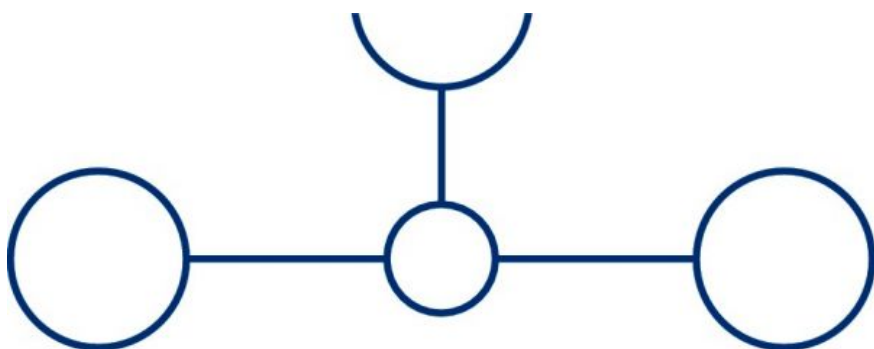
3640.2

ZSLN 2,5/2A-D/F BKYE

ZSLN 2,5/2A-D/F BKYE

## Media

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3640.2

ZSLN 2,5/2A-D/F BKYE

ZSLN 2,5/2A-D/F BKYE

Media

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**3640.2**

**ZSLN 2,5/2A-D/F BKYE**

**ZSLN 2,5/2A-D/F BKYE**

## Accessories

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### Actuating tool

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Actuating tool, No. of poles: 1, Colour: Black

### In general

| Order number | Article designation   | GTIN (EAN)    | Packaging unit |
|--------------|-----------------------|---------------|----------------|
| 3808.0       | BWMA 1 (0,5 x 3,5 mm) | 4044211078850 | 1 PC           |

---

### Insulated cross connector

---



Insulated cross-connector, No. of poles: 99, Mounting type: Plug in, Width: 500 mm, Rated cross-section: 2.5 mm<sup>2</sup>, Colour: Yellow

### In general

| Order number | Article designation    | GTIN (EAN)    | Packaging unit |
|--------------|------------------------|---------------|----------------|
| 3719.8       | ZQI 2,5/0,5 m/99 poles | 4044211060374 | 2 PC           |

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**3640.2**

**ZSLN 2,5/2A-D/F BKYE**

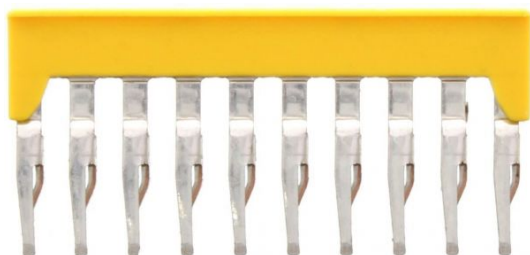
**ZSLN 2,5/2A-D/F BKYE**

## Accessories

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### Insulated cross connector

---



Insulated cross-connector, No. of poles: 10, Mounting type: Plug in, Width: 49.9 mm, Rated cross-section: 2.5 mm<sup>2</sup>, Colour: Yellow

### In general

| Order number | Article designation | GTIN (EAN)    | Packaging unit |
|--------------|---------------------|---------------|----------------|
| 3718.8       | ZQI 2,5/10          | 4044211060367 | 10 PC          |

---



Insulated cross-connector, No. of poles: 2, Mounting type: Plug in, Width: 9.1 mm, Rated cross-section: 2.5 mm<sup>2</sup>, Colour: Yellow

### In general

| Order number | Article designation | GTIN (EAN)    | Packaging unit |
|--------------|---------------------|---------------|----------------|
| 3710.8       | ZQI 2,5/2           | 4044211060282 | 50 PC          |

---

**3640.2**

**ZSLN 2,5/2A-D/F BKYE**

**ZSLN 2,5/2A-D/F BKYE**

## Accessories

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### Insulated cross connector

---



Insulated cross-connector, No. of poles: 3, Mounting type: Plug in, Width: 14.2 mm, Rated cross-section: 2.5 mm<sup>2</sup>, Colour: Yellow

### In general

| Order number | Article designation | GTIN (EAN)    | Packaging unit |
|--------------|---------------------|---------------|----------------|
| 3711.8       | ZQI 2,5/3           | 4044211060299 | 50 PC          |

---



Insulated cross-connector, No. of poles: 4, Mounting type: Plug in, Width: 19.3 mm, Rated cross-section: 2.5 mm<sup>2</sup>, Colour: Yellow

### In general

| Order number | Article designation | GTIN (EAN)    | Packaging unit |
|--------------|---------------------|---------------|----------------|
| 3712.8       | ZQI 2,5/4           | 4044211060305 | 20 PC          |

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**3640.2**

**ZSLN 2,5/2A-D/F BKYE**

**ZSLN 2,5/2A-D/F BKYE**

## Accessories

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### Insulated cross connector

---



Insulated cross-connector, No. of poles: 5, Mounting type: Plug in, Width: 24.4 mm, Rated cross-section: 2.5 mm<sup>2</sup>, Colour: Yellow

### In general

| Order number | Article designation | GTIN (EAN)    | Packaging unit |
|--------------|---------------------|---------------|----------------|
| 3713.8       | ZQI 2,5/5           | 4044211060312 | 20 PC          |

---



Insulated cross-connector, No. of poles: 6, Mounting type: Plug in, Width: 29.5 mm, Rated cross-section: 2.5 mm<sup>2</sup>, Colour: Yellow

### In general

| Order number | Article designation | GTIN (EAN)    | Packaging unit |
|--------------|---------------------|---------------|----------------|
| 3714.8       | ZQI 2,5/6           | 4044211060329 | 20 PC          |

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**3640.2**

**ZSLN 2,5/2A-D/F BKYE**

**ZSLN 2,5/2A-D/F BKYE**

## Accessories

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### Insulated cross connector

---



Insulated cross-connector, No. of poles: 7, Mounting type: Plug in, Width: 34.6 mm, Rated cross-section: 2.5 mm<sup>2</sup>, Colour: Yellow

### In general

| Order number | Article designation | GTIN (EAN)    | Packaging unit |
|--------------|---------------------|---------------|----------------|
| 3715.8       | ZQI 2,5/7           | 4044211060336 | 20 PC          |

---



Insulated cross-connector, No. of poles: 8, Mounting type: Plug in, Width: 39.7 mm, Rated cross-section: 2.5 mm<sup>2</sup>, Colour: Yellow

### In general

| Order number | Article designation | GTIN (EAN)    | Packaging unit |
|--------------|---------------------|---------------|----------------|
| 3716.8       | ZQI 2,5/8           | 4044211060343 | 10 PC          |

---

**3640.2**

**ZSLN 2,5/2A-D/F BKYE**

**ZSLN 2,5/2A-D/F BKYE**

## Accessories

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### Insulated cross connector

---



Insulated cross-connector, No. of poles: 9, Mounting type: Plug in, Width: 44.8 mm, Rated cross-section: 2.5 mm<sup>2</sup>, Colour: Yellow

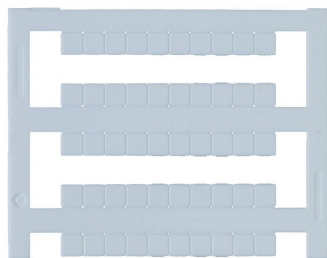
### In general

| Order number | Article designation | GTIN (EAN)    | Packaging unit |
|--------------|---------------------|---------------|----------------|
| 3717.8       | ZQI 2,5/9           | 4044211060350 | 10 PC          |

---

### Quick-marking

---



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

### In general

| Order number | Article designation | GTIN (EAN)    | Packaging unit |
|--------------|---------------------|---------------|----------------|
| 4600.7       | PMC SB 5/50 WH      | 4044211088903 | 500 PC         |

---



**3640.2**

**ZSLN 2,5/2A-D/F BKYE**

**ZSLN 2,5/2A-D/F BKYE**

## Accessories

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### Fourfold-cover

---



Cover, Length: 6.7 mm, Width: 20.4 mm, Colour: Yellow

---

### In general

| Order number | Article designation | GTIN (EAN)    | Packaging unit |
|--------------|---------------------|---------------|----------------|
| 3706.0       | ZAD 2,5/4/B         | 4044211060244 | 20 PC          |

---