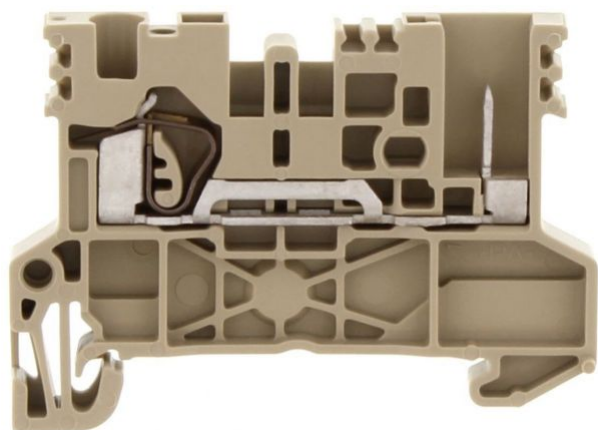


3650.2

ZRKS 2,5/1A/1S BG

ZRKS 2,5/1A/1S BG



Feed-through terminal, Tension-spring connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 2.5 mm<sup>2</sup>, Width: 5.1 mm, Colour: Beige

## Business data

Product description	Feed-through terminal
Packaging unit	100
Quantity unit	PC
Weight per piece (not including packaging)	6.7
Weight per piece (including packaging)	6.76
Unit of weight	G
Customs number	85369010
Country of origin	DE

**3650.2**

**ZRKS 2,5/1A/1S BG**

**ZRKS 2,5/1A/1S BG**

## Technical Data

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### Dimensions

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Length	54 mm
Width	5.1 mm
Height	38.5 mm
Height TS 35/7.5	39.5 mm
Pitch	5 mm

### Ratings

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Rated voltage	500 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

**3650.2**

**ZRKS 2,5/1A/1S BG**

**ZRKS 2,5/1A/1S BG**

## Technical Data

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### Connection data

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Connection principle	Tension-spring connection
Connection position	Top
Connections	2
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

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Insulation housing	Polyamide 6.6
Flammability class UL 94	V-0
Working temperature, min.	-40 °C
Working temperature, max.	120 °C

**3650.2**

**ZRKS 2,5/1A/1S BG**

**ZRKS 2,5/1A/1S BG**

## Technical Data

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### Further technical data

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Mounting type	Mounting rail TS 35/7,5
Gauge plug acc. to EN 60 947-1	A3
Number of cross-connection channels	2
End plate required	✓
Number of test pick-off options	1

**3650.2**

**ZRKS 2,5/1A/1S BG**

**ZRKS 2,5/1A/1S BG**

## Approvals

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### Standards and regulations

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EAC approval	TR ZU 004/2011
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EAC approval granted	✓
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### CSA approval

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CSA approval	C22.2 No 158
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CSA approval granted	✓
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CSA Usegroup C: rated voltage	300 V
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CSA Usegroup C: rated current	20 A
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CSA wire cross-section AWG, min.	20
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CSA wire cross-section AWG, max.	12
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CSA stripping length	10 mm
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### CSAus approval

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CSAus approval	UL 1059
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CSAus approval granted	✓
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CSAus Usegroup C: rated voltage	300 V
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CSAus Usegroup C: rated current	20 A
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CSAus wire cross-section AWG, min.	20
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**3650.2**

**ZRKS 2,5/1A/1S BG**

**ZRKS 2,5/1A/1S BG**

## Approvals

---

### CSAus approval

---

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

### cUL Recognized

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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

**3650.2**

**ZRKS 2,5/1A/1S BG**

**ZRKS 2,5/1A/1S BG**

## Approvals

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### KEMA KEUR approval

KEMA KEUR approval	EN 60947-7-1
KEMA KEUR approval granted	✓
KEMA rated voltage	500 V
KEMA rated current	24 A
KEMA rated impulse voltage	6 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>
KEMA wire cross-section stranded, max.	4 mm <sup>2</sup>

**3650.2**

**ZRKS 2,5/1A/1S BG**

**ZRKS 2,5/1A/1S BG**

## Approvals

---

### UL Recognized

UL Recognized	UL 1059
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
UL factory wiring	✓
UL field wiring	✓



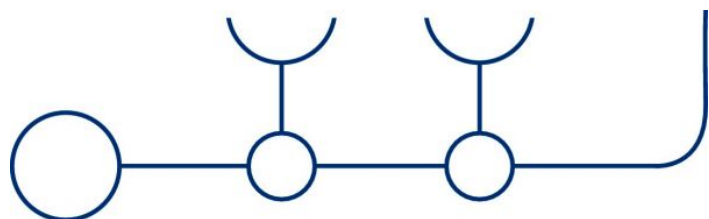
3650.2

ZRKS 2,5/1A/1S BG

ZRKS 2,5/1A/1S BG

## Media

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EAC



**3650.2**

**ZRKS 2,5/1A/1S BG**

**ZRKS 2,5/1A/1S BG**

## Accessories

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### End plate

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End plate, Width: 1.5 mm, Colour: Beige

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
3680.2	ZAPS 2,5/1A/1S	4044211177584	50 PC

### 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

**3650.2**

**ZRKS 2,5/1A/1S BG**

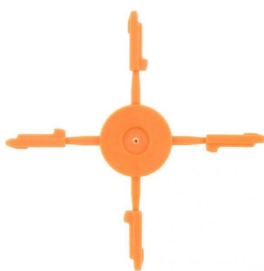
**ZRKS 2,5/1A/1S BG**

## Accessories

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### Coding

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Coding, Colour: Orange

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
3689.3	ZST-C	4044211177805	50 PC

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### End bracket

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End stop, Mounting type: Mounting rail TS 35/7.5 and TS 35/15, Width: 5 mm, Colour: Beige

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
3811.2	ZES 35/2	4044211080600	50 PC

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**3650.2**

**ZRKS 2,5/1A/1S BG**

**ZRKS 2,5/1A/1S BG**

## Accessories

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### Test adapter

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Test adapter, Pitch size: 5.1 mm, Colour: Beige

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
3740.2	ZTA 2,5	4044211060497	10 PC

---

### Insulated cross connector

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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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**3650.2**

**ZRKS 2,5/1A/1S BG**

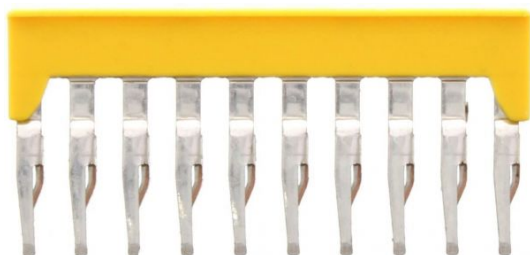
**ZRKS 2,5/1A/1S BG**

## Accessories

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### Insulated cross connector

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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

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**3650.2**

**ZRKS 2,5/1A/1S BG**

**ZRKS 2,5/1A/1S BG**

## Accessories

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### Insulated cross connector

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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

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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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**3650.2**

**ZRKS 2,5/1A/1S BG**

**ZRKS 2,5/1A/1S BG**

## Accessories

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### Insulated cross connector

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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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**3650.2**

**ZRKS 2,5/1A/1S BG**

**ZRKS 2,5/1A/1S BG**

## Accessories

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### Insulated cross connector

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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

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**3650.2**

**ZRKS 2,5/1A/1S BG**

**ZRKS 2,5/1A/1S BG**

## Accessories

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### Insulated cross connector

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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

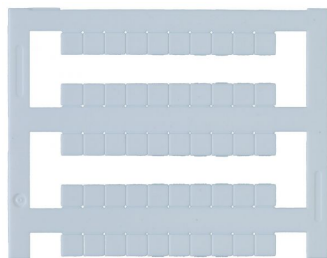
### In general

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

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### Quick-marking

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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

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**3650.2**

**ZRKS 2,5/1A/1S BG**

**ZRKS 2,5/1A/1S BG**

## Accessories

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### Mechanical latch

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Locking mechanism, Colour: Orange

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### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
3687.3	ZST-V	4044211177911	50 PC

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### Fourfold-cover

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

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### In general

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

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