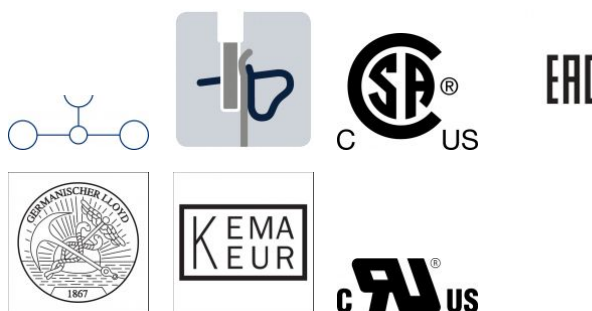


3581.4

ZRK 6/2A BK

ZRK 6/2A BK



Feed-through terminal, Tension-spring connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 6 mm<sup>2</sup>, Width: 8.1 mm, Colour: Black

## Business data

Product description	Feed-through terminal
Packaging unit	100
Quantity unit	PC
Weight per piece (not including packaging)	16.8
Weight per piece (including packaging)	17.8
Unit of weight	G
Customs number	85369010
Country of origin	DE

**3581.4**

**ZRK 6/2A BK**

**ZRK 6/2A BK**

## Technical Data

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### Dimensions

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Length	65 mm
Width	8.1 mm
Height TS 35/7.5	47.5 mm

### Ratings

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Rated voltage	1000 V
Rated current	41 A
Rated cross-section	6 mm <sup>2</sup>
Rated impulse voltage	8 kV
Overvoltage category	III
Contamination degree	3

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ZRK 6/2A BK

ZRK 6/2A BK

## 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.	10 mm <sup>2</sup>
Wire cross-section stranded, min.	0.5 mm <sup>2</sup>
Wire cross-section stranded, max.	10 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.	6 mm <sup>2</sup>
Wire cross-section AWG, min.	22
Wire cross-section AWG, max.	8
Stripping length	13 mm

### Materials

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

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**ZRK 6/2A BK**

**ZRK 6/2A BK**

## Technical Data

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### Materials

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Working temperature, max.	120 °C
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### Further technical data

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Mounting type	Mounting rail TS 35/7,5
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Gauge plug acc. to EN 60 947-1	A5
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Number of cross-connection channels	1
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End plate required	✓
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Number of test pick-off options	2
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**3581.4**

**ZRK 6/2A BK**

**ZRK 6/2A BK**

## 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	600 V
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CSA Usegroup C: rated current	50 A
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CSA wire cross-section AWG, min.	22
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CSA wire cross-section AWG, max.	8
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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	600 V
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CSAus Usegroup C: rated current	50 A
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CSAus wire cross-section AWG, min.	22
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**3581.4**

**ZRK 6/2A BK**

**ZRK 6/2A BK**

## Approvals

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### CSAus approval

---

CSAus wire cross-section AWG, max.	8
CSAus stripping length	10 mm

### cUL Recognized

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cUL Recognized	C22.2 No 158
cUL Recognized	✓
cUL Usegroup B: rated voltage	600 V
cUL Usegroup B: rated current	50 A
cUL Usegroup C: rated voltage	600 V
cUL Usegroup C: rated current	50 A
cUL Usegroup D: rated voltage	600 V
cUL Usegroup D: rated current	50 A
cUL wire cross-section single-core (rigid) AWG, min.	22
cUL wire cross-section single-core (rigid) AWG, max.	8
cUL wire cross-section stranded AWG, min.	22
cUL wire cross-section stranded AWG, max.	8
cUL wire material	Cu

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ZRK 6/2A BK

ZRK 6/2A BK

## Approvals

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### German Lloyd approval

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GL approval	IEC 60947-7-1
GL approval granted	✓
GL rated voltage	800 V
GL rated current	41 A
GL wire cross-section single core (rigid), min.	6 mm <sup>2</sup>
GL wire cross-section single-core (rigid), max.	10 mm <sup>2</sup>
GL wire cross-section, min.	6 mm <sup>2</sup>
GL wire cross-section stranded, max.	10 mm <sup>2</sup>
GL environmental category	C

### KEMA KEUR approval

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KEMA KEUR approval	EN 60947-7-1
KEMA KEUR approval granted	✓
KEMA rated voltage	1000 V
KEMA rated current	41 A
KEMA rated impulse voltage	8 kV
KEMA wire cross-section single core (rigid), min.	0.5 mm <sup>2</sup>
KEMA wire cross-section single-core (rigid), max.	10 mm <sup>2</sup>
KEMA wire cross-section stranded, min.	0.5 mm <sup>2</sup>

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ZRK 6/2A BK

ZRK 6/2A BK

## Approvals

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### KEMA KEUR approval

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KEMA wire cross-section stranded, max.	10 mm <sup>2</sup>
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### UL Recognized

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UL Recognized	UL 1059
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UL Recognized granted	✓
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UL Usegroup B: rated voltage	600 V
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UL Usegroup B: rated current	50 A
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UL Usegroup C: rated voltage	600 V
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UL Usegroup C: rated current	50 A
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UL Usegroup D: rated voltage	600 V
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UL Usegroup D: rated current	50 A
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UL wire cross-section single-core (rigid) AWG, min.	22
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UL wire cross-section single-core (rigid) AWG, max.	8
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UL wire cross-section stranded AWG, min.	22
--	----

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UL wire cross-section stranded AWG, max.	8
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UL wire material	Cu
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UL factory wiring	✓
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UL field wiring	✓
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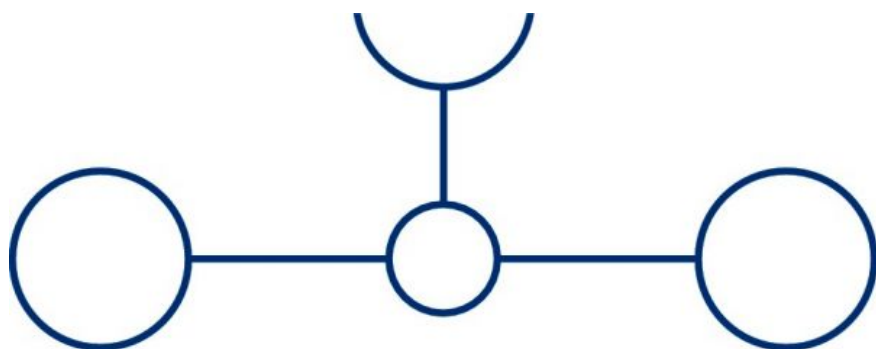
3581.4

ZRK 6/2A BK

ZRK 6/2A BK

## Media

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ZRK 6/2A BK

ZRK 6/2A BK

Media

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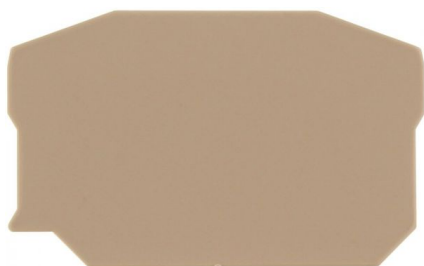
**3581.4**  
**ZRK 6/2A BK**  
**ZRK 6/2A BK**

## Accessories

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### End plate

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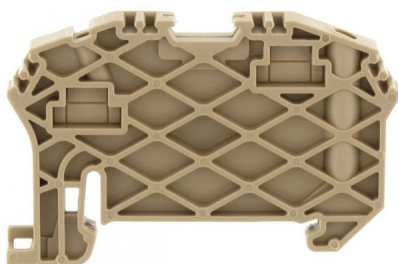
End plate, Width: 2 mm, Colour: Beige

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
3760.2	ZAP 6/2A	4044211060817	20 PC

### End bracket

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End stop, Mounting type: Mounting rail TS 35/7.5 and TS 35/15, Width: 6 mm, Colour: Beige

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
3748.2	ZES 35	4044211060572	50 PC

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ZRK 6/2A BK

ZRK 6/2A BK

## Accessories

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### Test adapter

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Test adapter, Pitch size: 8.1 mm, Colour: Beige

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### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
3772.2	ZTA 6	4044211060985	10 PC

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### Insulated cross connector

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Insulated cross-connector, No. of poles: 10, Mounting type: Plug in, Width: 80.5 mm, Rated cross-section: 6 mm<sup>2</sup>, Colour: Yellow

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### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
3771.8	ZQI 6/10	4044211060978	10 PC

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ZRK 6/2A BK

ZRK 6/2A BK

## Accessories

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### Insulated cross connector

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Insulated cross-connector, No. of poles: 2, Mounting type: Plug in, Width: 15.7 mm, Rated cross-section: 6 mm<sup>2</sup>, Colour: Yellow

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
3763.8	ZQI 6/2	4044211060893	50 PC

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Insulated cross-connector, No. of poles: 3, Mounting type: Plug in, Width: 23.8 mm, Rated cross-section: 6 mm<sup>2</sup>, Colour: Yellow

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
3764.8	ZQI 6/3	4044211060909	50 PC

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ZRK 6/2A BK

ZRK 6/2A BK

## Accessories

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### Insulated cross connector

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Insulated cross-connector, No. of poles: 4, Mounting type: Plug in, Width: 31.9 mm, Rated cross-section: 6 mm<sup>2</sup>, Colour: Yellow

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
3765.8	ZQI 6/4	4044211060916	20 PC

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Insulated cross-connector, No. of poles: 5, Mounting type: Plug in, Width: 31.9 mm, Rated cross-section: 6 mm<sup>2</sup>, Colour: Yellow

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
3766.8	ZQI 6/5	4044211060923	20 PC

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ZRK 6/2A BK

ZRK 6/2A BK

## Accessories

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### Insulated cross connector

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Insulated cross-connector, No. of poles: 6, Mounting type: Plug in, Width: 48.1 mm, Rated cross-section: 6 mm<sup>2</sup>, Colour: Yellow

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
3767.8	ZQI 6/6	4044211060930	20 PC

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Insulated cross-connector, No. of poles: 7, Mounting type: Plug in, Width: 56.2 mm, Rated cross-section: 6 mm<sup>2</sup>, Colour: Yellow

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
3768.8	ZQI 6/7	4044211060947	20 PC

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ZRK 6/2A BK

ZRK 6/2A BK

## Accessories

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### Insulated cross connector

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Insulated cross-connector, No. of poles: 8, Mounting type: Plug in, Width: 64.3 mm, Rated cross-section: 6 mm<sup>2</sup>, Colour: Yellow

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
3769.8	ZQI 6/8	4044211060954	10 PC

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Insulated cross-connector, No. of poles: 9, Mounting type: Plug in, Width: 72.4 mm, Rated cross-section: 6 mm<sup>2</sup>, Colour: Yellow

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
3770.8	ZQI 6/9	4044211060961	10 PC

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ZRK 6/2A BK

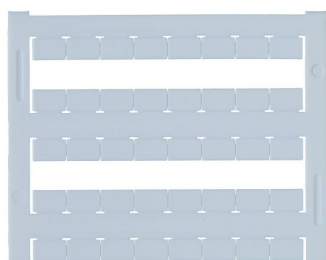
ZRK 6/2A BK

## Accessories

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### Quick-marking

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Terminal marker / Pocket Maxicard, Length: 5 mm,  
Width: 8 mm, Colour: White

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
9323.7	PMC SB 8/40 WH	4044211129231	400 PC

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### Fourfold-cover

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Cover, Length: 10.5 mm, Width: 32.4 mm, Colour:  
Yellow

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
3708.0	ZAD 6/4/B	4044211060268	20 PC

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