

3679.3

ZSTK 2,5/1A/1S-H/Z/B OG

ZSTK 2,5/1A/1S-H/Z/B OG



Feed-through terminal, Tension-spring connection, Mounting type: Plug in, Rated cross-section: 2.5 mm<sup>2</sup>, Width: 5.1 mm, Colour: Orange

## Business data

Product description	Feed-through terminal
Packaging unit	100
Quantity unit	PC
Weight per piece (not including packaging)	2.65
Weight per piece (including packaging)	3.15
Unit of weight	G
Customs number	85369010
Country of origin	DE

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## Technical Data

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### Dimensions

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Length	40 mm
Width	5.1 mm
Height	19 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

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## Technical Data

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### Connection data

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Connection principle	Tension-spring connection
Connection position	Top
Connections	2
No. of poles	1
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

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Insulation housing	Polyamide 6.6
Flammability class UL 94	V-0

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## Technical Data

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### Materials

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Working temperature, min.	-40 °C
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Working temperature, max.	120 °C
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### Further technical data

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Mounting type	Plug in
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Gauge plug acc. to EN 60 947-1	A3
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End plate required	✓
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Number of test pick-off options	1
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## 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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## 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

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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

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## 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>

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## Approvals

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### 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	✓



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## Media

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EAC



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## Accessories

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### End plate

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End plate, Width: 0.6 mm, Colour: Beige

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
3686.2	ZAPSK 2,5/1A/1S	4044211177645	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

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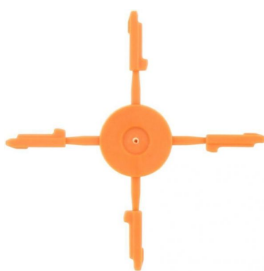
ZSTK 2,5/1A/1S-H/Z/B OG

## Accessories

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## Coding

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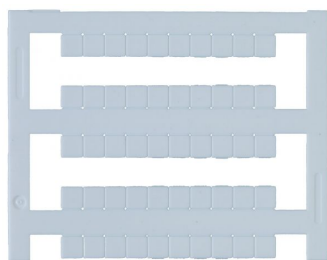
Coding, Colour: Orange

## In general

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

## 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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## 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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## Accessories

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### ZST-strain relief

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Strain relief, Colour: Orange

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### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
3688.3	ZST-Z	4044211177928	50 PC

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