



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

Business data	
Article number	<u>3672.0</u>
Article name	ZST 2,5/1A/Q GNYE
GTIN (EAN)	4044211182724
Packaging unit	100
Quantity unit	PC
Weight per piece (not including packaging)	3.8 g
Weight per piece (including packaging)	4.3 g
Unit of weight	G
Customs number	85369010
Prio-Article	3672.2
Product description	Feed-through terminal

### Creation date 14.04.2023 00:58:47



### **Technical data**

Length42 mmWidth5.1 mmHeight21 mmPitch5 mmRatings500 VRated voltage500 VRated current24 ARated cross-section2.5 mm²Rated impulse voltage6 kVOvervoltage categoryIIIContamination degree3Connection principleTension-spring connectionConnection principle1Wire cross-section single-core (rigid) / stranded, min.0.5 mm²Wire cross-section stranded, min.0.5 mm²Wire cross-section stranded with wire-end ferrules, min.0.5 mm²Wire cross-section stranded with wire-end ferrules, max.2.5 mm²Wire cross-section stranded with wire-end ferrules, min.2.5 mm²Wire cross-section stranded with wire-end ferrules, max.12Wire cross-section stranded with wire-end ferrules, max.12Wire cross-section stranded with wire-end ferrules, max.12Wire cross-section harmade10 mmMaterialsPolyamide 6.6	Dimensions	
Height21 mmPitch5 mmRatingsRated voltage500 VRated current24 ARated current24 ARated cross-section2.5 mm²Rated impulse voltage6 kVOvervoltage categoryIIIContamination degree3Connection dataConnection principleConnection single-core (rigid) / stranded, min.0.5 mm²Wire cross-section single-core (rigid)/stranded, max.4 mm²Wire cross-section stranded, min.0.5 mm²Wire cross-section stranded with wire-end ferrules, min.0.5 mm²Wire cross-section stranded with wire-end ferrules, max.2.5 mm²Wire cross-section stranded with wire-end ferrules, max.12Stripping length10 mmMaterials10 mm	Length	42 mm
Pitch     5 mm       Ratings     500 V       Rated voltage     500 V       Rated current     24 A       Rated cross-section     2.5 mm²       Rated impulse voltage     6 kV       Overvoltage category     III       Contamination degree     3       Connection data     Connection principle       Connections     1       No. of poles     1       Wire cross-section single-core (rigid) / stranded, min.     0.5 mm²       Wire cross-section stranded, min.     0.5 mm²       Wire cross-section stranded, max.     4 mm²       Wire cross-section stranded with wire-end ferrules, max.     0.5 mm²       Wire cross-section stranded with wire-end ferrules, max.     2.5 mm²       Wire cross-section AWG, min.     20       Wire cross-section AWG, max.     12       Stripping length     10 mm       Materials     10 mm	Width	5.1 mm
RatingsRated voltage500 VRated current24 ARated cross-section2.5 mm²Rated impulse voltage6 kVOvervoltage categoryIIIContarnination degree3Connection dataConnection principleConnection principleTension-spring connectionConnections1No. of poles1Wire cross-section single-core (rigid) / stranded, min.0.5 mm²Wire cross-section stranded, min.0.5 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded with wire-end ferrules, min.0.5 mm²Wire cross-section stranded with wire-end ferrules, max.2.5 mm²Wire cross-section stranded with wire-end ferrules, max.2.5 mm²Wire cross-section stranded with wire-end ferrules, max.10 mm²Wire cross-section stranded with wire-end ferrules, max.2.5 mm²Wire cross-section stranded with wire-end ferrules, max.12Stripping length10 mmMaterials10 mm	Height	21 mm
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Rated impulse voltage6 kVOvervoltage categoryIIIContamination degree3Connection dataConnection principleTension-spring connectionConnections1No. of poles1Wire cross-section single-core (rigid) / stranded, min.0.5 mm²Wire cross-section stranded, min.0.5 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded, max.2.5 mm²Wire cross-section stranded with wire-end ferrules, max.2.5 mm²Wire cross-section AWG, min.20Wire cross-section AWG, max.12Stripping length10 mmMaterials	Rated current	24 A
Overvoltage categoryIIIContamination degree3Connection dataConnection principleTension-spring connectionConnections1No. of poles1Wire cross-section single-core (rigid) / stranded, min.0.5 mm²Wire cross-section single core (rigid)/stranded, max.4 mm²Wire cross-section stranded, min.0.5 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded with wire-end ferrules, min.0.5 mm²Wire cross-section stranded with wire-end ferrules, max.2.5 mm²Wire cross-section AWG, min.20Wire cross-section AWG, max.12Stripping length10 mmMaterials	Rated cross-section	2.5 mm <sup>2</sup>
Contamination degree3Connection dataConnection principleTension-spring connectionConnections1No. of poles1Wire cross-section single-core (rigid) / stranded, min.0.5 mm²Wire cross-section single core (rigid)/stranded, max.4 mm²Wire cross-section stranded, min.0.5 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded with wire-end ferrules, min.0.5 mm²Wire cross-section stranded with wire-end ferrules, max.2.5 mm²Wire cross-section AWG, min.20Wire cross-section AWG, max.12Stripping length10 mmMaterials10 mm	Rated impulse voltage	6 kV
Connection data       Connection principle     Tension-spring connection       Connections     1       No. of poles     1       Wire cross-section single-core (rigid) / stranded, min.     0.5 mm²       Wire cross-section single core (rigid)/stranded, max.     4 mm²       Wire cross-section stranded, min.     0.5 mm²       Wire cross-section stranded, max.     4 mm²       Wire cross-section stranded, max.     4 mm²       Wire cross-section stranded with wire-end ferrules, min.     0.5 mm²       Wire cross-section stranded with wire-end ferrules, max.     2.5 mm²       Wire cross-section AWG, min.     20       Wire cross-section AWG, max.     12       Stripping length     10 mm       Materials     10 mm	Overvoltage category	III
Connection principleTension-spring connectionConnections1No. of poles1Wire cross-section single-core (rigid) / stranded, min.0.5 mm²Wire cross-section single core (rigid)/stranded, max.4 mm²Wire cross-section stranded, min.0.5 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded with wire-end ferrules, min.0.5 mm²Wire cross-section stranded with wire-end ferrules, max.2.5 mm²Wire cross-section AWG, min.20Wire cross-section AWG, max.12Stripping length10 mmMaterials	Contamination degree	3
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Wire cross-section single-core (rigid) / stranded, min.0.5 mm²Wire cross-section single core (rigid)/stranded, max.4 mm²Wire cross-section stranded, min.0.5 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded with wire-end ferrules, min.0.5 mm²Wire cross-section stranded with wire-end ferrules, max.0.5 mm²Wire cross-section stranded with wire-end ferrules, max.2.5 mm²Wire cross-section AWG, min.20Wire cross-section AWG, max.12Stripping length10 mmMaterials	Connections	1
Wire cross-section single core (rigid)/stranded, max.4 mm²Wire cross-section stranded, min.0.5 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded with wire-end ferrules, min.0.5 mm²Wire cross-section stranded with wire-end ferrules, max.2.5 mm²Wire cross-section AWG, min.20Wire cross-section AWG, max.12Stripping length10 mmMaterials	No. of poles	1
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Wire cross-section AWG, max.     12       Stripping length     10 mm       Materials     10 mm		2.5 mm <sup>2</sup>
Stripping length   10 mm     Materials	Wire cross-section AWG, min.	20
Materials	Wire cross-section AWG, max.	12
	Stripping length	10 mm
Insulation housing Polyamide 6.6	Materials	
	Insulation housing	Polyamide 6.6
Flammability class UL 94 V-0	Flammability class UL 94	V-0
Working temperature, min. -40 °C	Working temperature, min.	-40 °C
Working temperature, max. 120 °C	Working temperature, max.	120 °C



### **Technical data**

Further technical data	
Mounting type	Plug in
Gauge plug acc. to EN 60 947-1	A3
Number of cross-connection channels	1
End plate required	$\checkmark$
Number of test pick-off options	1
Can be mounted side-by-side	$\checkmark$
Environmental Product Compliance	
REACH Conform	yes
REACH Reference date	2022-06-10
REACH Candidate Substance Note	No
RoHS Conform	yes



### Approvals

EAC approvalTR ZU 004/2011EAC approval grantedyesCSA approvalC22.2 No 158CSA approval grantedyesCSA dapproval grantedyesCSA Usegroup C: rated voltage300 VCSA Usegroup C: rated current20 ACSA wire cross-section AWG, min.20CSA usegroup C: rated current10 mmCSAus approvalUL 1059CSAus approvalUL 1059CSAus approval grantedyesCSAus approval grantedyesCSAus approval grantedyesCSAus usegroup C: rated voltage300 VCSAus user cross-section AWG, max.12CSAus stripping length10 mmcUL Recognized20 AcUL usegroup B: rated voltage300 VcUL usegroup D: rated voltage300 VcUL usegroup D: rated current20 AcUL usegroup D: rated current20 AcUL usegroup D: rated current20 AcUL usegroup D: rated voltage300 VcUL usegroup D: rated current20 AcUL usegrou	Standards and regulations	
CSA approval       CSA approval       CSA approval granted       Yes       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 Usegroup C: rated voltage       300 V       CSAus Usegroup C: rated voltage       300 V       CSAus Usegroup C: rated voltage       300 V       CSAus wire cross-section AWG, min.       20       CSAus wire cross-section AWG, max.       12       CSAus wire cross-section AWG, max.       12       CSAus stripping length     10 mm       cUL Recognized       cUL Usegroup B: rated voltage     300 V       cUL Usegroup D: rated voltage     300 V       cUL Usegroup	EAC approval	TR ZU 004/2011
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cUL Usegroup C: rated current20 AcUL Usegroup D: rated voltage300 VcUL Usegroup D: rated current20 AcUL wire cross-section single-core (rigid) AWG, min.20cUL wire cross-section single-core (rigid) AWG, max.12cUL wire cross-section stranded AWG, min.20cUL wire cross-section stranded AWG, max.12cUL wire cross-section stranded AWG, max.12cUL wire materialCu	cUL Usegroup B: rated current	20 A
cUL Usegroup D: rated voltage300 VcUL Usegroup D: rated current20 AcUL wire cross-section single-core (rigid) AWG, min.20cUL wire cross-section single-core (rigid) AWG, max.12cUL wire cross-section stranded AWG, min.20cUL wire cross-section stranded AWG, max.12cUL wire cross-section stranded AWG, max.12cUL wire materialCu	cUL Usegroup C: rated voltage	300 V
cUL Usegroup D: rated current20 AcUL wire cross-section single-core (rigid) AWG, min.20cUL wire cross-section single-core (rigid) AWG, max.12cUL wire cross-section stranded AWG, min.20cUL wire cross-section stranded AWG, max.12cUL wire cross-section stranded AWG, max.12cUL wire materialCu	cUL Usegroup C: rated current	20 A
cUL wire cross-section single-core (rigid) AWG, min.20cUL wire cross-section single-core (rigid) AWG, max.12cUL wire cross-section stranded AWG, min.20cUL wire cross-section stranded AWG, max.12cUL wire materialCu	cUL Usegroup D: rated voltage	300 V
cUL wire cross-section single-core (rigid) AWG, max.12cUL wire cross-section stranded AWG, min.20cUL wire cross-section stranded AWG, max.12cUL wire materialCu	cUL Usegroup D: rated current	20 A
cUL wire cross-section stranded AWG, min.     20       cUL wire cross-section stranded AWG, max.     12       cUL wire material     Cu	cUL wire cross-section single-core (rigid) AWG, min.	20
cUL wire cross-section stranded AWG, max.   12     cUL wire material   Cu	cUL wire cross-section single-core (rigid) AWG, max.	12
cUL wire material Cu	cUL wire cross-section stranded AWG, min.	20
	cUL wire cross-section stranded AWG, max.	12
cUL Recognized 1	cUL wire material	Cu
	cUL Recognized	1



### Approvals

KEMA KEUR approval	
KEMA KEUR approval	EN 60947-7-1:2009
KEMA KEUR approval granted	yes
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 mm²
KEMA wire cross-section single-core (rigid), max.	4 mm <sup>2</sup>
KEMA wire cross-section stranded, min.	0.5 mm²
KEMA wire cross-section stranded, max.	4 mm <sup>2</sup>
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 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	1
UL field wiring	1
UL Recognized	1



Media





### Accessories

#### End plate

	End plate, Widt	h: 0.6 mm, Colour: Beige		
	Article number	Article name	GTIN (EAN)	Packaging unit
	3685.2	ZAPST 2,5/1A/Q BG	4044211177638	50

### **Actuating tool**

, <b>utroate</b> ( <u>17</u> ) , and <u>18</u>	Actuating tool,	No. of poles: 1, Colour: Black		
	Article number	Article name	GTIN (EAN)	Packaging unit
Ĺ	3808.0	BWMA 1 (0,5 x 3,5 mm)	4044211078850	1 ST

#### 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				
	Article number	Article name	GTIN (EAN)	Packaging unit		
	3715.8	ZQI 2,5/7 YE	4044211060336	20		



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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

Article number	Article name	GTIN (EAN)	Packaging unit
3710.8	ZQI 2,5/2 YE	4044211060282	50

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

Article number	Article name	GTIN (EAN)	Packaging unit
3718.8	ZQI 2,5/10 YE	4044211060367	10



### 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			
3 3 3	Article number	Article name	GTIN (EAN)	Packaging unit
	<u>3711.8</u>	ZQI 2,5/3 YE	4044211060299	50
		s-connector, No. of poles: 5, Mounting ection: 2.5 mm², Colour: Yellow	type: Plug in, Width:	24.4 mm,
77777	Article number	Article name	GTIN (EAN)	Packaging unit
	3713.8	ZQI 2,5/5 YE	4044211060312	20
		s-connector, No. of poles: 8, Mounting ection: 2.5 mm², Colour: Yellow	type: Plug in, Width:	39.7 mm,
	Article number	Article name	GTIN (EAN)	Packaging unit
	3716.8	ZQI 2,5/8 YE	4044211060343	10
	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			
	Article number	Article name	GTIN (EAN)	Packaging unit
	3717.8	ZQI 2,5/9 YE	4044211060350	10
		s-connector, No. of poles: 4, Mounting ection: 2.5 mm², Colour: Yellow	type: Plug in, Width:	19.3 mm,
1775	Article number	Article name	GTIN (EAN)	Packaging unit
	3712.8	ZQI 2,5/4 YE	4044211060305	20
		s-connector, No. of poles: 6, Mounting ection: 2.5 mm², Colour: Yellow	type: Plug in, Width:	29.5 mm,
00000	Article number	Article name	GTIN (EAN)	Packaging unit
	3714.8	ZQI 2,5/6 YE	4044211060329	20



#### 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

Article number	Article name	GTIN (EAN)	Packaging unit
<u>3719.8</u>	ZQI 2,5/0,5 m/99 Pole YE	4044211060374	2

### **Quick marking**

	Terminal marker / Pocket Maxicard, Length: 5 mm, Width: 5 mm, Colour: White			
	Article number	Article name	GTIN (EAN)	Packaging unit
	4600.7	PMC SB 5/50 WH	4044211088903	500 ST

#### Four-way cover

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

444	Article number	Article name	GTIN (EAN)	Packaging unit
	3706.0	ZAD 2,5/4/B YE	4044211060244	20 ST

#### **ZST-strain relief**

Strain relief, Colour: Orange

TT Briddenson	Article number	Article name	GTIN (EAN)	Packaging unit
	3688.3	ZST-Z OG	4044211177928	50 ST