



Feed-through terminal for direct mount, Tension-spring connection, Mounting type: Mounting surface, Rated cross-section: 2.5 mm<sup>2</sup>, Width: 5.1 mm, Colour: Green

### Business data

Article number	3588.1
Article name	ZSRK 2,5/2A-D GN
GTIN (EAN)	4044211059422
Packaging unit	100
Quantity unit	PC
Weight per piece (not including packaging)	5 g
Weight per piece (including packaging)	5.4 g
Unit of weight	G
Customs number	85369010
Country of origin	CZ
Prio-Article	3588.2
Product description	Feed-through terminal for direct mount

### Technical data

#### Dimensions

Length	40 mm
Width	5.1 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
Maximum power dissipation for nominal condition	0.77 W

#### Connection data

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

### Technical data

#### Further technical data

Insulation housing	Polyamide 6.6
Flammability class UL 94	V-0
Working temperature, min.	-40 °C
Working temperature, max.	120 °C
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
Maximum power dissipation for nominal condition	0.77 W

#### Environmental Product Compliance

REACH Conform	yes
REACH Reference date	2022-01-07, 2022-06-10
REACH Candidate Substance Note	No
RoHS Conform	yes

## 3588.1 ZSRK 2,5/2A-D GN

### Approvals

#### German Lloyd approval

DNV GL Location Classes	4
DNV GL approval granted	1
DNV GL rated current	24 A
DNV GL rated voltage	800 V
DNV GL test standard	IEC 60947-7-1:2009
DNV GL wire cross-section single-core (rigid), max.	2.5 mm <sup>2</sup> , 2.5 mm <sup>2</sup>
DNV GL wire cross-section stranded, max.	2.5 mm <sup>2</sup> , 2.5 mm <sup>2</sup>
GL approval	IEC 60947-7-1:2009
GL approval granted	yes
GL rated voltage	800 V
GL rated current	24 A
GL wire cross-section single core (rigid), min.	8 mm <sup>2</sup>
GL wire cross-section single-core (rigid), max.	2.5 mm <sup>2</sup>
GL wire cross-section, min.	4 mm <sup>2</sup>
GL wire cross-section stranded, max.	2.5 mm <sup>2</sup>
GL environmental category	4

#### Standards and regulations

EAC approval	TR ZU 004/2011
EAC approval granted	yes

#### CSA approval

CSA approval	C22.2 No 158
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

## 3588.1 ZSRK 2,5/2A-D GN

### Approvals

#### CSAus approval

CSAus approval	UL 1059
CSAus approval granted	yes
CSAus Usegroup C: rated voltage	300 V
CSAus Usegroup C: rated current	20 A
CSAus wire cross-section AWG, min.	20
CSAus wire cross-section AWG, max.	12
CSAus stripping length	10 mm

#### cUL Recognized

cUL approval	C22.2 No 158
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
cUL Recognized	1

#### KEMA KEUR approval

KEMA KEUR approval	EN 60947-7-1:2009
KEMA KEUR approval granted	yes
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>
KEMA wire cross-section stranded, max.	4 mm <sup>2</sup>

### Approvals

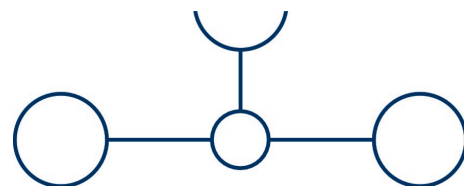
#### UL Recognized

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

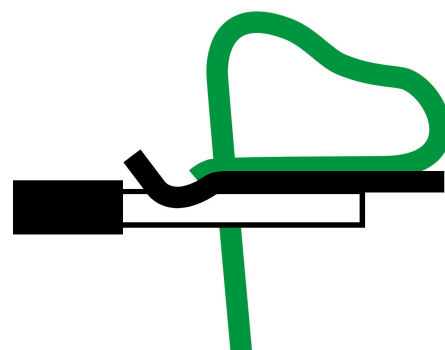
### Media



**EAC**



**cUL<sup>®</sup>US**



**cUL<sup>®</sup>US**

### Accessories

#### End plate



End plate, Width: 5.1 mm, Colour: Beige

Article number	Article name	GTIN (EAN)	Packaging unit
<u>3758.2</u>	ZAP SR/RC BG	4044211060749	50

#### Test adapter



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

Article number	Article name	GTIN (EAN)	Packaging unit
<u>3740.2</u>	ZTA 2,5 BG	4044211060497	10 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
<u>3715.8</u>	ZQI 2,5/7 YE	4044211060336	20



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
<u>3710.8</u>	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
<u>3718.8</u>	ZQI 2,5/10 YE	4044211060367	10



## 3588.1 ZSRK 2,5/2A-D GN

### 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

Article number	Article name	GTIN (EAN)	Packaging unit
<u>3711.8</u>	ZQI 2,5/3 YE	4044211060299	50



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

Article number	Article name	GTIN (EAN)	Packaging unit
<u>3713.8</u>	ZQI 2,5/5 YE	4044211060312	20



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

Article number	Article name	GTIN (EAN)	Packaging unit
<u>3716.8</u>	ZQI 2,5/8 YE	4044211060343	10



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

Article number	Article name	GTIN (EAN)	Packaging unit
<u>3712.8</u>	ZQI 2,5/4 YE	4044211060305	20



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

Article number	Article name	GTIN (EAN)	Packaging unit
<u>3714.8</u>	ZQI 2,5/6 YE	4044211060329	20

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

## 3588.1 ZSRK 2,5/2A-D GN



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

Article number	Article name	GTIN (EAN)	Packaging unit
<u>4600.7</u>	PMC SB 5/50 WH	4044211088903	500 ST

### Four-way cover



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

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