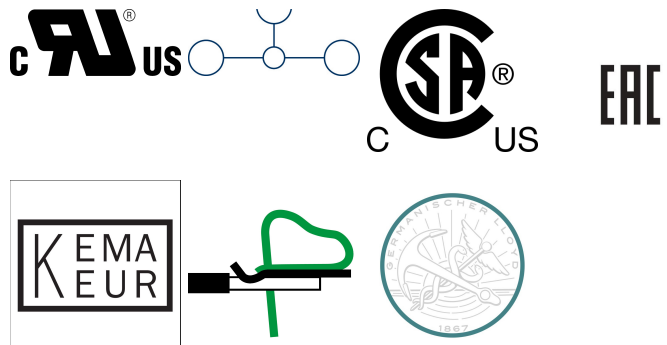


3638.2

ZSLN 2,5/2A-D BKYE



Feed-through terminal for direct mount, Tension-spring connection, Mounting type: Mounting surface, Rated cross-section: 2.5 mm², Width: 5.1 mm, Colour: Black-yellow

Business data

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
Product description	Feed-through terminal for direct mount

3638.2

ZSLN 2,5/2A-D BKYE

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 ²
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 ²
Wire cross-section single core (rigid)/stranded, max.	4 mm ²
Wire cross-section stranded, min.	0.5 mm ²
Wire cross-section stranded, max.	4 mm ²
Wire cross-section stranded with wire-end ferrules, min.	0.5 mm ²
Wire cross-section stranded with wire-end ferrules, max.	2.5 mm ²
Wire cross-section AWG, min.	20
Wire cross-section AWG, max.	12
Stripping length	10 mm

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ZSLN 2,5/2A-D BKYE

Technical data

Materials

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

Further technical data

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

Print

Colour	Black-yellow
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Environmental Product Compliance

REACH Conform	yes
REACH Reference date	2021-01-09
REACH Candidate Substance Note	No
RoHS Conform	yes

3638.2

ZSLN 2,5/2A-D BKYE

Approvals

Standards and regulations

EAC approval	TR ZU 004/2011
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EAC approval granted	yes
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CSA approval

CSA approval	C22.2 No 158
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CSA approval granted	yes
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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

CSAus approval	UL 1059
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CSAus approval granted	yes
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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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CSAus wire cross-section AWG, max.	12
------------------------------------	----

CSAus stripping length	10 mm
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ZSLN 2,5/2A-D BKYE

Approvals

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	yes

German Lloyd approval

GL approval	IEC 60947-7-2:2009
GL approval granted	yes
GL rated voltage	800 V
GL rated current	24 A
GL wire cross-section single core (rigid), min.	2.5 mm ²
GL wire cross-section single-core (rigid), max.	4 mm ²
GL wire cross-section, min.	2.5 mm ²
GL wire cross-section stranded, max.	4 mm ²
GL environmental category	C

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ZSLN 2,5/2A-D BKYE

Approvals

KEMA KEUR approval

KEMA KEUR approval	EN 60947-7-2:2009
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 ²
KEMA wire cross-section single-core (rigid), max.	4 mm ²
KEMA wire cross-section stranded, min.	0.5 mm ²
KEMA wire cross-section stranded, max.	4 mm ²

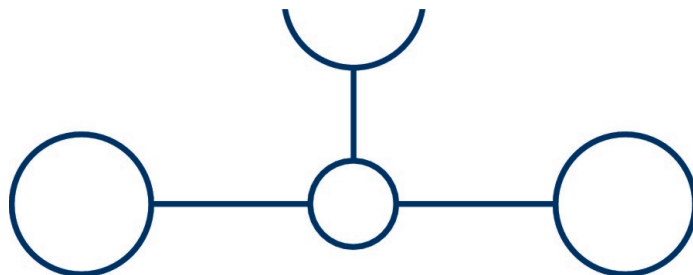
UL Recognized

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	yes
UL field wiring	yes
UL Recognized	yes

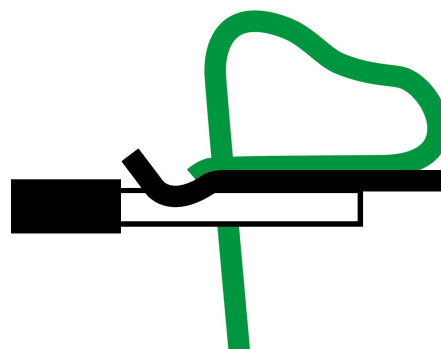
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ZSLN 2,5/2A-D BKYE

Media



EAC



3638.2

ZSLN 2,5/2A-D BKYE



Accessories

End plate



End plate, Width: 5.1 mm, Colour: Beige

detail.dataSheet.generalOrderData

Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet.
3758.2	ZAP SR/RC BG	4044211060749	500 ST

Actuating tool



Actuating tool, No. of poles: 1, Colour: Black

detail.dataSheet.generalOrderData

Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet.
3808.0	BWMA 1 (0,5 x 3,5 mm)	4044211078850	500 ST

Accessories

Insulated cross-connector



Insulated cross-connector, No. of poles: 7,
Mounting type: Plug in, Width: 34.6 mm,
Rated cross-section: 2.5 mm², Colour: Yellow

detail.dataSheet.generalOrderData

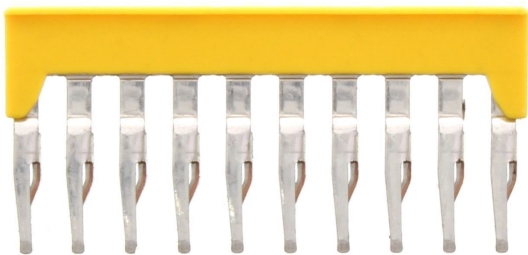
Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet.
3715.8	ZQI 2,5/7 YE	4044211060336	500 ST



Insulated cross-connector, No. of poles: 2,
Mounting type: Plug in, Width: 9.1 mm, Rated
cross-section: 2.5 mm², Colour: Yellow

detail.dataSheet.generalOrderData

Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet.
3710.8	ZQI 2,5/2 YE	4044211060282	500 ST



Insulated cross-connector, No. of poles: 10,
Mounting type: Plug in, Width: 49.9 mm,
Rated cross-section: 2.5 mm², Colour: Yellow

detail.dataSheet.generalOrderData

Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet.
3718.8	ZOI 2,5/10 YE	4044211060367	500 ST

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ZSLN 2,5/2A-D BKYE

Accessories

Insulated cross-connector



Insulated cross-connector, No. of poles: 3,
Mounting type: Plug in, Width: 14.2 mm,
Rated cross-section: 2.5 mm², Colour: Yellow

detail.dataSheet.generalOrderData

Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet.
3711.8	ZQI 2,5/3 YE	4044211060299	500 ST



Insulated cross-connector, No. of poles: 5,
Mounting type: Plug in, Width: 24.4 mm,
Rated cross-section: 2.5 mm², Colour: Yellow

detail.dataSheet.generalOrderData

Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet.
3713.8	ZQI 2,5/5 YE	4044211060312	500 ST



Insulated cross-connector, No. of poles: 8,
Mounting type: Plug in, Width: 39.7 mm,
Rated cross-section: 2.5 mm², Colour: Yellow

detail.dataSheet.generalOrderData

Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet.
3716.8	ZQI 2,5/8 YE	4044211060343	500 ST

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ZSLN 2,5/2A-D BKYE

Accessories

Insulated cross-connector



Insulated cross-connector, No. of poles: 9,
Mounting type: Plug in, Width: 44.8 mm,
Rated cross-section: 2.5 mm², Colour: Yellow

detail.dataSheet.generalOrderData

Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet.
3717.8	ZQI 2,5/9 YE	4044211060350	500 ST



Insulated cross-connector, No. of poles: 4,
Mounting type: Plug in, Width: 19.3 mm,
Rated cross-section: 2.5 mm², Colour: Yellow

detail.dataSheet.generalOrderData

Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet.
3712.8	ZQI 2,5/4 YE	4044211060305	500 ST



Insulated cross-connector, No. of poles: 6,
Mounting type: Plug in, Width: 29.5 mm,
Rated cross-section: 2.5 mm², Colour: Yellow

detail.dataSheet.generalOrderData

Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet.
3714.8	ZQI 2,5/6 YE	4044211060329	500 ST

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ZSLN 2,5/2A-D BKYE

Accessories

Insulated cross-connector

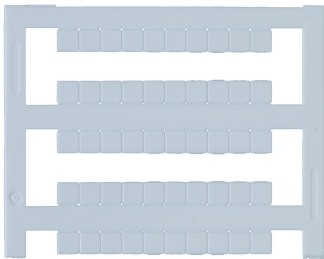


Insulated cross-connector, No. of poles: 99,
Mounting type: Plug in, Width: 500 mm,
Rated cross-section: 2.5 mm², Colour: Yellow

detail.dataSheet.generalOrderData

Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet.
3719.8	ZQI 2,5/0,5 m/99 Pole YE	4044211060374	500 ST

Quick marking



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

detail.dataSheet.generalOrderData

Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet.
4600.7	PMC SB 5/50 WH	4044211088903	500 ST

3638.2
ZSLN 2,5/2A-D BKYE

Accessories

Four-way cover



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

detail.dataSheet.generalOrderData			
Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet.
3706.0	ZAD 2,5/4/B YE	4044211060244	500 ST