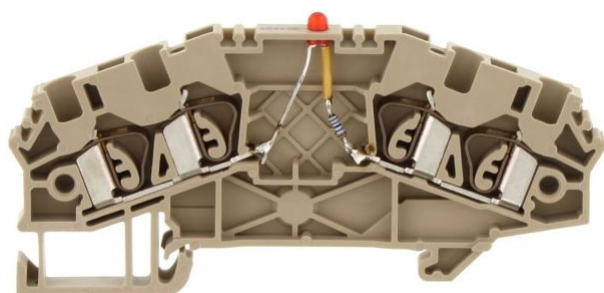


3505.2

ZRK 2,5/2x2A/LED1(RD)/24V DC BG

ZRK 2,5/2x2A/LED1(RD)/24V DC BG



Double-level terminal with electronic components, Tension-spring connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 2.5 mm², Width: 5.1 mm, Colour: Beige

Business data

Product description	Double-level terminals with electronic components
Packaging unit	100
Quantity unit	PC
Weight per piece (not including packaging)	10.2
Weight per piece (including packaging)	10.8
Unit of weight	G
Customs number	85369010
Country of origin	DE

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ZRK 2,5/2x2A/LED1(RD)/24V DC BG

ZRK 2,5/2x2A/LED1(RD)/24V DC BG

Technical Data

Dimensions

Length	83.6 mm
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Width	5.1 mm
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Height TS 35/7.5	39 mm
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Ratings

Rated voltage	24 V
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Rated current	< 0,005 A
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Rated cross-section	2.5 mm ²
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Rated impulse voltage	8 kV
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Overvoltage category	III
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Contamination degree	3
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ZRK 2,5/2x2A/LED1(RD)/24V DC BG

ZRK 2,5/2x2A/LED1(RD)/24V DC BG

Technical Data

Connection data

Connection principle	Tension-spring connection
Connection position	Diagonal
Connections	2 x 2
Number of terminals per level	4
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

Materials

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

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ZRK 2,5/2x2A/LED1(RD)/24V DC BG

ZRK 2,5/2x2A/LED1(RD)/24V DC BG

Technical Data

Materials

Working temperature, max.	120 °C
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Further technical data

Mounting type	Mounting rail TS 35/7,5
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Gauge plug acc. to EN 60 947-1	A3
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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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Voltage illuminated display	24 V
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Cross-current via illuminated display	< 5 mA
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ZRK 2,5/2x2A/LED1(RD)/24V DC BG

ZRK 2,5/2x2A/LED1(RD)/24V DC BG

Approvals

Standards and regulations

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

CSA approval	C22.2 No 158
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CSA approval granted	✓
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CSA Usegroup C: rated voltage	24 V
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CSA Usegroup C: rated current	< 5 mA 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	✓
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CSAus Usegroup C: rated voltage	24 V
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CSAus Usegroup C: rated current	< 5 mA A
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CSAus wire cross-section AWG, min.	20
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ZRK 2,5/2x2A/LED1(RD)/24V DC BG

ZRK 2,5/2x2A/LED1(RD)/24V DC BG

Approvals

CSAus approval

CSAus wire cross-section AWG, max.	12
CSAus stripping length	10 mm

KEMA KEUR approval

KEMA KEUR approval	EN 60947-7-1
KEMA KEUR approval granted	✓
KEMA rated voltage	24 V
KEMA rated current	- A
KEMA rated impulse voltage	8 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

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ZRK 2,5/2x2A/LED1(RD)/24V DC BG

ZRK 2,5/2x2A/LED1(RD)/24V DC BG

Approvals

UL Recognized

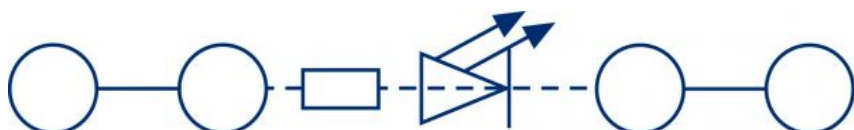
UL Recognized	UL 1059
UL Recognized granted	✓
UL Usegroup B: rated voltage	24 V
UL Usegroup B: rated current	- A
UL Usegroup C: rated voltage	24 V
UL Usegroup C: rated current	- A
UL Usegroup D: rated voltage	24 V
UL Usegroup D: rated current	- A
UL wire cross-section single-core (rigid) AWG, min.	20
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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ZRK 2,5/2x2A/LED1(RD)/24V DC BG

ZRK 2,5/2x2A/LED1(RD)/24V DC BG

Media



3505.2

ZRK 2,5/2x2A/LED1(RD)/24V DC BG

ZRK 2,5/2x2A/LED1(RD)/24V DC BG

Accessories

End plate



End plate, Width: 2 mm, Colour: Beige

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
3702.2	ZAP 2,5/4A	4044211060091	50 PC

Actuating tool



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

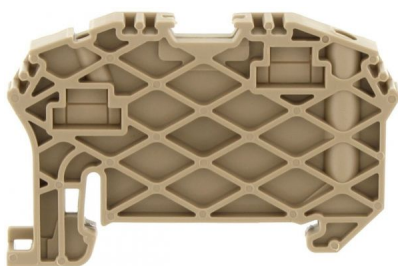
3505.2

ZRK 2,5/2x2A/LED1(RD)/24V DC BG

ZRK 2,5/2x2A/LED1(RD)/24V DC BG

Accessories

End bracket



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

Test adapter



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

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
3740.2	ZTA 2,5	4044211060497	10 PC

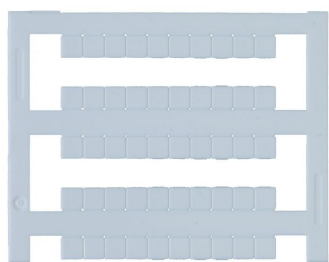
3505.2

ZRK 2,5/2x2A/LED1(RD)/24V DC BG

ZRK 2,5/2x2A/LED1(RD)/24V DC BG

Accessories

Quick-marking



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

Fourfold-cover



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

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
3706.0	ZAD 2,5/4/B	4044211060244	20 PC
