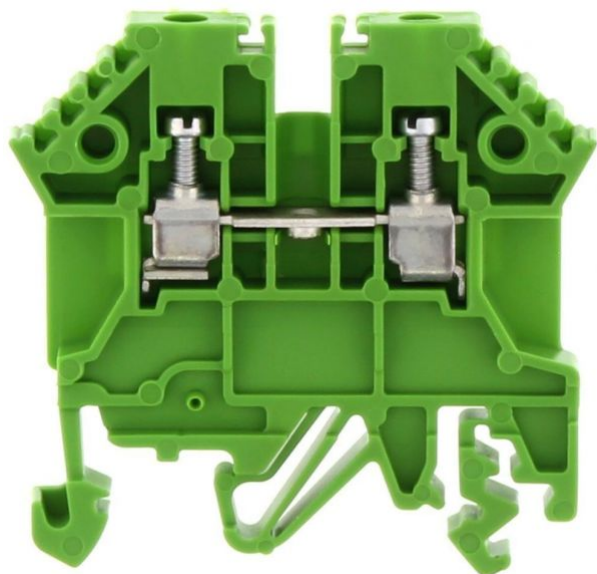


1296.1

RK 2,5 GN

RK 2,5 GN



EAC



M2.5 



Feed-through terminal, Screw connection, Mounting type: Mounting rail TS 35/7.5 and TS 32, Rated cross-section: 2.5 mm<sup>2</sup>, Width: 5 mm, Colour: Green

## Business data

Product description	Feed-through terminal
Packaging unit	100
Quantity unit	PC
Weight per piece (not including packaging)	6.6
Weight per piece (including packaging)	7.1
Unit of weight	G
Customs number	85369010
Country of origin	DE

**1296.1**

**RK 2,5 GN**

**RK 2,5 GN**

## Technical Data

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### Dimensions

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Length	48 mm
Width	5 mm
Height TS 35/7.5	47 mm
Height TS 32	51.5 mm

### Ratings

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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

1296.1

RK 2,5 GN

RK 2,5 GN

## Technical Data

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### Connection data

Connection principle	Screw connection
Connection position	Lateral
Connections	2
Number of terminals per level	2
Number of levels	1
Wire cross-section single-core (rigid) / stranded, min.	0.2 mm <sup>2</sup>
Wire cross-section single core (rigid)/stranded, max.	4 mm <sup>2</sup>
Wire cross-section stranded, min.	0.2 mm <sup>2</sup>
Wire cross-section stranded, max.	4 mm <sup>2</sup>
Wire cross-section stranded with wire-end ferrules, min.	0.2 mm <sup>2</sup>
Wire cross-section stranded with wire-end ferrules, max.	2.5 mm <sup>2</sup>
Wire cross-section AWG, min.	22
Wire cross-section AWG, max.	12
Stripping length	7 mm
Screw head	Slotted
Screw threading	M 2,5
Tightening torque, min.	0.4 Nm
Tightening torque, max.	0.8 Nm

**1296.1**

**RK 2,5 GN**

**RK 2,5 GN**

## Technical Data

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### Materials

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Insulation housing	Polyamide 6.6
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Flammability class UL 94	V-2
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Working temperature, min.	-40 °C
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Working temperature, max.	105 °C
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### Further technical data

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Mounting type	Mounting rail TS 35/7.5 and TS 32
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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	1
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1296.1

RK 2,5 GN

RK 2,5 GN

## 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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### CSAus approval

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CSAus approval	UL 1059
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CSAus approval granted	✓
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### cUL Recognized

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cUL Recognized	C22.2 No 158
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cUL Recognized	✓
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cUL Usegroup B: rated voltage	600 V
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cUL Usegroup B: rated current	20 A
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cUL Usegroup C: rated voltage	600 V
-------------------------------	-------

cUL Usegroup C: rated current	20 A
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cUL wire cross-section single-core (rigid) AWG, min.	22
------------------------------------------------------	----

cUL wire cross-section single-core (rigid) AWG, max.	12
------------------------------------------------------	----

cUL wire cross-section stranded AWG, min.	22
-------------------------------------------	----

cUL wire cross-section stranded AWG, max.	12
-------------------------------------------	----

**1296.1**

**RK 2,5 GN**

**RK 2,5 GN**

## Approvals

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### cUL Recognized

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cUL torque	5.3 Nm
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cUL wire material	Cu
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### UL Recognized

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UL Recognized	UL 1059
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UL Recognized granted	✓
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UL Usegroup B: rated voltage	600 V
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UL Usegroup B: rated current	20 A
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UL Usegroup C: rated voltage	600 V
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UL Usegroup C: rated current	20 A
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UL wire cross-section single-core (rigid) AWG, min.	22
-----------------------------------------------------	----

UL wire cross-section single-core (rigid) AWG, max.	12
-----------------------------------------------------	----

UL wire cross-section stranded AWG, min.	22
------------------------------------------	----

UL wire cross-section stranded AWG, max.	12
------------------------------------------	----

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UL torque	5.3 Lb In
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UL wire material	Cu
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UL factory wiring	✓
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UL field wiring	✓
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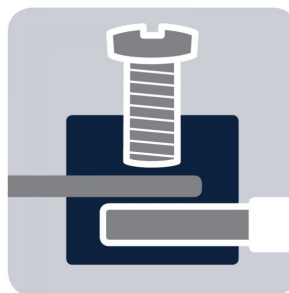
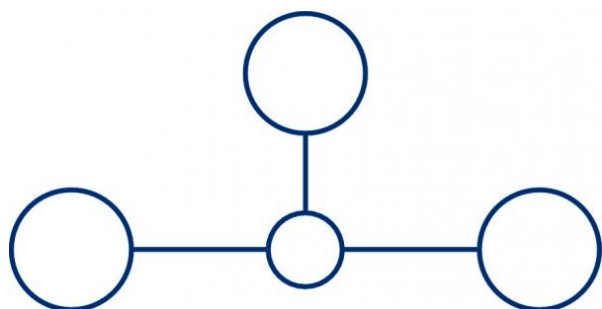
1296.1

RK 2,5 GN

RK 2,5 GN

Media

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**M2.5**



**EAC**



1296.1

RK 2,5 GN

RK 2,5 GN

## Accessories

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### Cover

---



Cover, Length: 20 mm, Width: 1.3 mm, Colour: Yellow

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2712.0	AD 4/20/B	4044211054533	50 PC

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Cover, Length: 26.5 mm, Width: 5 mm, Colour: White

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2962.0	AD 1/5	4044211056919	50 PC

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**1296.1**  
**RK 2,5 GN**  
**RK 2,5 GN**

## Accessories

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### Cover

---



Cover, Length: 20 mm, Width: 1.3 mm, Colour: Yellow

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2713.0	AD 4/20/B/E	4044211054540	50 PC

---



Cover, Length: 26.5 mm, Width: 5 mm, Colour: Yellow

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2952.0	AD 1/5/B	4044211056803	50 PC

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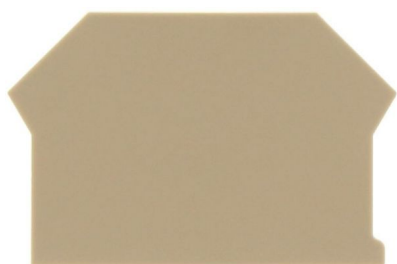
**1296.1**  
**RK 2,5 GN**  
**RK 2,5 GN**

## Accessories

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### End plate

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End plate, Width: 1.5 mm, Colour: Beige

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2001.2	AP 2,5-10	4044211047979	50 PC

### End bracket

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End stop, Mounting type: Mounting rail TS 35/7.5,  
Width: 9.5 mm, Colour: Beige

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2828.0	ES 35/K/ST	4044211055547	50 PC

1296.1

RK 2,5 GN

RK 2,5 GN

## Accessories

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### Cross connector

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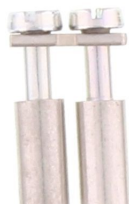


Cross-connector, No. of poles: 10, Mounting type: Can be screwed on, Width: 49.9 mm, Rated cross-section: 2.5 mm<sup>2</sup>, Colour: natural

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2570.0	Q 10	4044211053604	10 PC

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Cross-connector, No. of poles: 2, Mounting type: Can be screwed on, Width: 9.1 mm, Rated cross-section: 2.5 mm<sup>2</sup>, Colour: natural

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2567.0	Q 2	4044211053574	50 PC

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1296.1

RK 2,5 GN

RK 2,5 GN

## Accessories

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### Cross connector

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Cross-connector, No. of poles: 3, Mounting type: Can be screwed on, Width: 14.2 mm, Rated cross-section: 2.5 mm<sup>2</sup>, Colour: natural

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2568.0	Q 3	4044211053581	50 PC

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Cross-connector, No. of poles: 4, Mounting type: Can be screwed on, Width: 19.3 mm, Rated cross-section: 2.5 mm<sup>2</sup>, Colour: natural

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2569.0	Q 4	4044211053598	20 PC

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1296.1

RK 2,5 GN

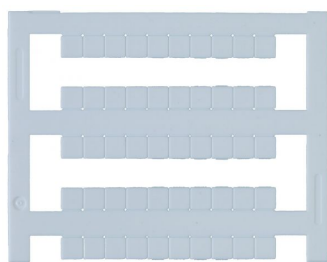
RK 2,5 GN

## Accessories

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### 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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### Screw driver

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Screwdriver with bare blade, Colour: Black-grey

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
1085.0	SDB 0,5x3,0	4044211014643	1 PC

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1296.1

RK 2,5 GN

RK 2,5 GN

## Accessories

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### Test adapter

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Test adapter, Length: 37.3 mm, Pitch size: 5 mm,  
Colour: Beige

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2812.0	TA 5/1/ST	4044211055394	10 PC

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### Insulation plate

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Insulation plate, Colour: Beige

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2566.2	TRS 3	4044211053567	100 PC

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1296.1

RK 2,5 GN

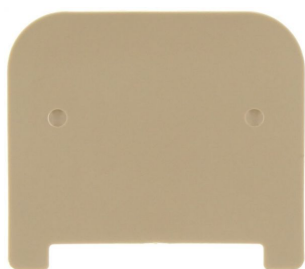
RK 2,5 GN

## Accessories

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### Partition plate

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Partition plate, Width: 1.5 mm, Colour: Beige

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2002.2	TW 2,5-10	4044211048044	50 PC

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