Data sheet

1296.2
RK 2,5 BG

Feed-through terminal, Screw connection, Mounting type:Mounting rail TS 35/7.5, Rated cross-section: 2.5 mm², Width: 5 mm, Colour: Beige

Business data

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

Data sheet

1296.2
RK 2,5 BG

Technical data

Dimensions

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

Ratings

Rated voltage	800 V
Rated current	24 A
Rated cross-section	2.5 mm²
Rated impulse voltage	8 kV
Overvoltage category	III
Contamination degree	3
Maximum power dissipation for nominal condition	0.77 W

Data sheet

1296.2
RK 2,5 BG

Technical data

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 mm²
Wire cross-section single core (rigid)/stranded, max.	4 mm²
Wire cross-section stranded, min.	0.2 mm²
Wire cross-section stranded, max.	4 mm²
Wire cross-section stranded with wire-end ferrules, min.	0.2 mm²
Wire cross-section stranded with wire-end ferrules, max.	2.5 mm²
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

Materials

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

Further technical data

Mounting type	Mounting rail TS 35/7.5 and TS 32
Gauge plug acc. to EN 60 947-1	A3
Number of cross-connection channels	1
End plate required	✓
Number of test pick-off options	1

Data sheet

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RK 2,5 BG

Technical data

Print

Colour	Beige

Environmental Product Compliance

REACH Conform	yes
REACH Reference date	2021-01-09, 2021-07-08
REACH Candidate Substance Note	No
RoHS Conform	yes

Data sheet

1296.2
RK 2,5 BG

Approvals

Standards and regulations

EAC approval	TR ZU 004/2011
EAC approval granted	yes

CSAus approval

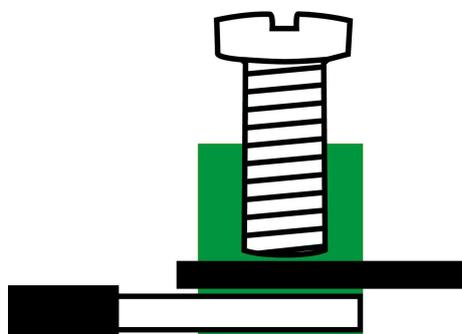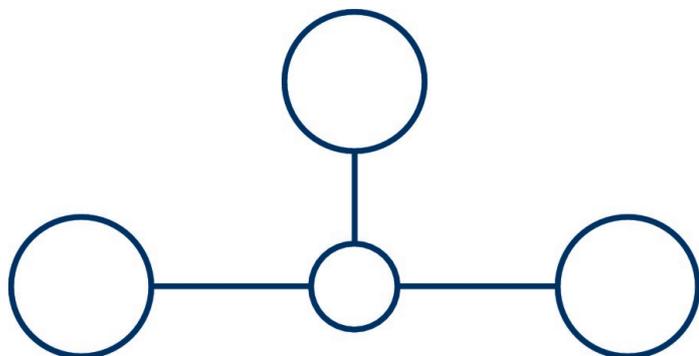|	
CSAus approval	UL 1059
CSAus approval granted	yes

cUL Recognized

cUL approval	C22.2 No 158
cUL Usegroup B: rated voltage	600 V
cUL Usegroup B: rated current	20 A
cUL Usegroup C: rated voltage	600 V
cUL Usegroup C: rated current	20 A
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
cUL torque	5.3 Nm
cUL wire material	Cu
cUL Recognized	yes

Data sheet

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RK 2,5 BG

Approvals

UL Recognized

UL approval	UL 1059
UL Usegroup B: rated voltage	600 V
UL Usegroup B: rated current	20 A
UL Usegroup C: rated voltage	600 V
UL Usegroup C: rated current	20 A
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
UL torque	5.3 Lb In
UL wire material	Cu
UL factory wiring	yes
UL field wiring	yes
UL Recognized	yes

Media

Data sheet

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RK 2,5 BG

Accessories

Data sheet

1296.2
RK 2,5 BG

![CONTACLIP logo]

Cover

![Yellow cover with DANGER LIVE TERMINALS text and lightning symbol]

Cover, Length: 20 mm, Width: 24 mm,
Colour: Yellow

detail.dataSheet.generalOrderData

Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet.
2713.0	AD 4/20/B/E YE	4044211054540	500 ST

![White rectangular cover]

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

detail.dataSheet.generalOrderData

Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet.
2962.0	AD 1/5 WH	4044211056919	500 ST

![Yellow cover with Vorsicht Spannung text and lightning symbol]

Cover, Length: 20 mm, Width: 24 mm,
Colour: Yellow

detail.dataSheet.generalOrderData

Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet.
2712.0	AD 4/20/B YE	4044211054533	500 ST

Data sheet

1296.2
RK 2,5 BG

Cover

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

detail.dataSheet.generalOrderData

Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet.
2952.0	AD 1/5/B YE	4044211056803	500 ST

End plate

End plate, Width: 1.5 mm, Colour: Beige

detail.dataSheet.generalOrderData

Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet.
2001.2	AP 2,5-10 BG	4044211047979	500 ST

End stop

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

detail.dataSheet.generalOrderData

Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet.
2828.0	ES 35/K/ST BG	4044211055547	500 ST

Data sheet

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RK 2,5 BG

Cross-connector

Cross-connector, No. of poles: 4, Mounting type: Can be screwed on, Width: 19.3 mm, Rated cross-section: 2.5 mm², Colour: natural

detail.dataSheet.generalOrderData

Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet.
2569.0	Q 4	4044211053598	500 ST

Cross-connector, No. of poles: 10, Mounting type: Can be screwed on, Width: 49.9 mm, Rated cross-section: 2.5 mm², Colour: natural

detail.dataSheet.generalOrderData

Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet.
2570.0	Q 10	4044211053604	500 ST

Cross-connector, No. of poles: 3, Mounting type: Can be screwed on, Width: 14.2 mm, Rated cross-section: 2.5 mm², Colour: natural

detail.dataSheet.generalOrderData

Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet.
2568.0	Q 3	4044211053581	500 ST

1296.2
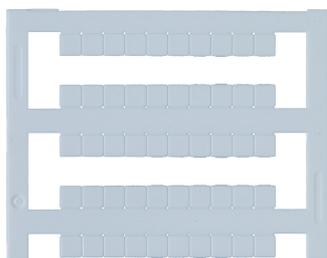
RK 2,5 BG

Cross-connector

Cross-connector, No. of poles: 2, Mounting type: Can be screwed on, Width: 9.1 mm, Rated cross-section: 2.5 mm², Colour: natural

detail.dataSheet.generalOrderData

Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet.
2567.0	Q 2	4044211053574	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

Data sheet

1296.2

RK 2,5 BG

Screwdriver

Screwdriver with bare blade, Colour: Black-grey

detail.dataSheet.generalOrderData

Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet.
1085.0	SDB 0,5x3,0	4044211014643	500 ST

Test adapters

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

detail.dataSheet.generalOrderData

Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet.
2812.0	TA 5/1/ST	4044211055394	500 ST

Data sheet

1296.2

RK 2,5 BG

Insulation plate

Insulation plate, Colour: Beige

detail.dataSheet.generalOrderData

Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet.
2566.2	TRS 3 BG	4044211053567	500 ST

Partition plate

Partition plate, Width: 1.5 mm, Colour: Beige

detail.dataSheet.generalOrderData

Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet.
2002.2	TW 2,5-10 BG	4044211048044	500 ST