



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: Orange

Article number	<u>1296.3</u>
Article name	RK 2,5 OG
GTIN (EAN)	4044211040239
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
Prio-Article	1296.2
Product description	Feed-through terminal

### **Business data**



### **Technical data**

Length     48 mm       Width     5 mm       Height TS 357.5     47 mm       Height TS 32     51.5 mm       Ratings     800 V       Rated voltage     800 V       Rated voltage     800 V       Rated corrent     24 A       Rated corres-section     2.5 mm²       Rated dispect category     III       Contamination degree     3       Maximum power dissipation for nominal condition     0.77 W       Connection data     Connection       Connection principle     Screw connection       Connection principle     Screw connection       Connection principle     2       Number of terminals per level     2       Number of terminals per level     2       Number of terminals per level     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 with wire-end ferrules, max.     0.2 mm²       Wire cross-section stranded with wire-end ferrules, max.     2.5 mm²       Wire cross-section AWG, max.     12 <t< th=""><th>Dimensions</th><th></th></t<>	Dimensions	
Height TS 35/7.547 mmHeight TS 3251.5 mmRatings800 VRated voltage800 VRated current24 ARated cross-section2.5 mm²Rated impulse voltage8 kVOvervoltage categoryIIIContamination degree3Maximum power dissipation for nominal condition0.77 WConnection positionLateralConnection positionLateralConnection position2Number of terminals per level2Number of levels1Wire cross-section single-core (rigid) / stranded, min.0.2 mm²Wire cross-section stranded with wire-end ferrules, max.4 mm²Wire cross-section stranded with wire-end ferrules, max.2.5 mm²Wire cross-section AWG, max.12 <td< td=""><td>Length</td><td>48 mm</td></td<>	Length	48 mm
Height TS 32   51.5 mm     Ratings   Rated voltage     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     Connection data   Connection principle     Connection principle   Screw connection     Connections   2     Number of terminals per level   2     Number of levels   1     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, 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 head   Slotted	Width	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     Connection 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 stranded, min.   0.2 mm²     Wire cross-section stranded, mix.   4 mm²     Wire cross-section stranded, mix.   4 mm²     Wire cross-section stranded, mix.   2.5 mm²     Wire cross-section stranded with wire-end ferrules, min.   0.2 mm²     Wire cross-section AWG, min.   22     Wire cross-section AWG, min.   22     Wire cross-section AWG, max.   12     Stripping length   7 mm     Screw head   Slotted     Screw h	Height TS 35/7.5	47 mm
Rated voltage800 VRated current24 ARated cross-section2.5 mm²Rated impulse voltage8 kVOvervoltage categoryIIIContamination degree3Maximum power dissipation for nominal condition0.77 WConnection dataConnection principleConnection principleScrew connectionConnection positionLateralConnections2Number of terminals per level2Number of levels1Wire cross-section single-core (rigid)/stranded, min.0.2 mm²Wire cross-section stranded, min.0.2 mm²Wire cross-section stranded, min.0.2 mm²Wire cross-section stranded with wire-end ferrules, min.0.2 mm²Wire cross-section stranded with wire-end ferrules, max.2.5 mm²Wire cross-section AWG, min.22Wire cross-section AWG, max.12Stripping length7 mmScrew headSlottedScrew threadingM 2,5Tightening torque, min.0.4 Nm	Height TS 32	51.5 mm
Rated current24 ARated current2.5 mm²Rated inpulse voltage8 kVOvervoltage categoryIIIContamination degree3Maximum power dissipation for nominal condition0.77 WConnection dataConnection functionConnection principleScrew connectionConnection positionLateralConnections2Number of terminals per level2Number of levels1Wire cross-section single-core (rigid)/stranded, min.0.2 mm²Wire cross-section stranded, min.0.2 mm²Wire cross-section stranded with wire-end ferrules, min.2.5 mm²Wire cross-section AWG, min.22Wire cross-section AWG, min.22Wire cross-section AWG, min.2.5 mm²Stripping length7 mmScrew headSlottedScrew headSlottedScrew headSlottedScrew headingM 2,5Tightening torque, min.0.4 Nm	Ratings	
Rated cross-section2.5 mm²Rated impulse voltage8 kVOvervoltage categoryIIIContamination degree3Maximum power dissipation for nominal condition0.77 WConnection dataConnection for nominal conditionConnection principleScrew connectionConnection positionLateralConnections2Number of terminals per level1Wire cross-section single-core (rigid) / stranded, min.0.2 mm²Wire cross-section stranded, min.0.2 mm²Wire cross-section stranded, min.0.2 mm²Wire cross-section stranded, min.0.2 mm²Wire cross-section stranded with wire-end ferrules, max.2.5 mm²Wire cross-section stranded with wire-end ferrules, max.2.5 mm²Wire cross-section stranded with wire-end ferrules, max.2.5 mm²Wire cross-section stranded with wire-end ferrules, max.1.2 mm²Wire cross-section stranded with wire-end ferrules, max.2.5 mm²Wire cross-section stranded with wire-end ferrules, max.2.5 mm²Wire cross-section stranded with wire-end ferrules, max.2.5 mm²Wire cross-section stranded with wire-end ferrules, max.12Stripping length7 mmScrew headSlottedScrew threadingM 2.5Tightening torque, min.0.4 Nm	Rated voltage	800 V
Rated impulse voltage8 kVOvervoltage categoryIIIContamination degree3Maximum power dissipation for nominal condition0.77 WConnection dataConnection dataConnection principleScrew connectionConnection positionLateralConnections2Number of terminals per level2Number of levels1Wire cross-section single-core (rigid)/stranded, min.0.2 mm²Wire cross-section stranded, min.0.2 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded with wire-end ferrules, min.0.2 mm²Wire cross-section AWG, min.22Wire cross-section AWG, min.12Stripping length7 mmScrew headSlottedScrew headingM 2,5Tightening torque, min.0.4 Nm	Rated current	24 A
Overvoltage category   III     Contamination degree   3     Maximum power dissipation for nominal condition   0.77 W     Connection data   Connection     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 heading   M 2,5     Tightening torque, min.   0.4 Nm	Rated cross-section	2.5 mm <sup>2</sup>
Contamination degree3Maximum power dissipation for nominal condition0.77 WConnection dataConnectionConnection principleScrew connectionConnection positionLateralConnections2Number of terminals per level2Number of levels1Wire cross-section single-core (rigid) / stranded, min.0.2 mm²Wire cross-section single core (rigid)/stranded, max.4 mm²Wire cross-section stranded, min.0.2 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded with wire-end ferrules, min.0.2 mm²Wire cross-section AWG, min.22Wire cross-section AWG, max.12Stripping length7 mmScrew headSlottedScrew threadingM 2,5Tightening torque, min.0.4 Nm	Rated impulse voltage	8 kV
Maximum power dissipation for nominal condition   0.77 W     Connection data   Connection     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, 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	Overvoltage category	III
Connection dataConnection principleScrew connectionConnection positionLateralConnections2Number of terminals per level2Number of terminals per level1Wire cross-section single-core (rigid) / stranded, min.0.2 mm²Wire cross-section single core (rigid)/stranded, max.4 mm²Wire cross-section stranded, min.0.2 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded with wire-end ferrules, max.0.2 mm²Wire cross-section stranded with wire-end ferrules, max.2.5 mm²Wire cross-section AWG, min.22Wire cross-section AWG, max.12Stripping length7 mmScrew headSlottedScrew threadingM 2,5Tightening torque, min.0.4 Nm	Contamination degree	3
Connection principleScrew connectionConnection positionLateralConnections2Number of terminals per level2Number of levels1Wire cross-section single-core (rigid) / stranded, min.0.2 mm²Wire cross-section single core (rigid)/stranded, max.4 mm²Wire cross-section stranded, min.0.2 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded with wire-end ferrules, min.0.2 mm²Wire cross-section stranded with wire-end ferrules, max.2.5 mm²Wire cross-section AWG, min.22Wire cross-section AWG, max.12Stripping length7 mmScrew headSlottedScrew threadingM 2,5Tightening torque, min.0.4 Nm	Maximum power dissipation for nominal condition	0.77 W
Connection positionLateralConnections2Number of terminals per level2Number of terminals per level1Wire cross-section single-core (rigid) / stranded, min.0.2 mm²Wire cross-section single core (rigid)/stranded, max.4 mm²Wire cross-section stranded, min.0.2 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded with wire-end ferrules, min.0.2 mm²Wire cross-section stranded with wire-end ferrules, max.2.5 mm²Wire cross-section AWG, min.22Wire cross-section AWG, max.12Stripping length7 mmScrew headSlottedScrew threadingM 2,5Tightening torque, min.0.4 Nm	Connection data	
Connections2Number of terminals per level2Number of levels1Wire cross-section single-core (rigid) / stranded, min.0.2 mm²Wire cross-section single core (rigid)/stranded, max.4 mm²Wire cross-section stranded, min.0.2 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded with wire-end ferrules, max.0.2 mm²Wire cross-section stranded with wire-end ferrules, max.2.5 mm²Wire cross-section AWG, min.22Wire cross-section AWG, max.12Stripping length7 mmScrew headSlottedScrew threadingM 2,5Tightening torque, min.0.4 Nm	Connection principle	Screw connection
Number of terminals per level2Number of levels1Wire cross-section single-core (rigid) / stranded, min.0.2 mm²Wire cross-section single core (rigid)/stranded, max.4 mm²Wire cross-section stranded, min.0.2 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded with wire-end ferrules, min.0.2 mm²Wire cross-section stranded with wire-end ferrules, max.2.5 mm²Wire cross-section AWG, min.22Wire cross-section AWG, max.12Stripping length7 mmScrew headSlottedScrew threadingM 2,5Tightening torque, min.0.4 Nm	Connection position	Lateral
Number of levels1Wire cross-section single-core (rigid) / stranded, min.0.2 mm²Wire cross-section single core (rigid)/stranded, max.4 mm²Wire cross-section stranded, min.0.2 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded with wire-end ferrules, min.0.2 mm²Wire cross-section stranded with wire-end ferrules, max.0.2 mm²Wire cross-section stranded with wire-end ferrules, max.2.5 mm²Wire cross-section AWG, min.22Wire cross-section AWG, max.12Stripping length7 mmScrew headSlottedScrew threadingM 2,5Tightening torque, min.0.4 Nm	Connections	2
Wire cross-section single-core (rigid) / stranded, min.0.2 mm²Wire cross-section single core (rigid)/stranded, max.4 mm²Wire cross-section stranded, min.0.2 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded with wire-end ferrules, min.0.2 mm²Wire cross-section stranded with wire-end ferrules, max.2.5 mm²Wire cross-section AWG, min.22Wire cross-section AWG, max.12Stripping length7 mmScrew headSlottedScrew threadingM 2,5Tightening torque, min.0.4 Nm	Number of terminals per level	2
Wire cross-section single core (rigid)/stranded, max.4 mm²Wire cross-section stranded, min.0.2 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded with wire-end ferrules, min.0.2 mm²Wire cross-section stranded with wire-end ferrules, max.2.5 mm²Wire cross-section AWG, min.22Wire cross-section AWG, max.12Stripping length7 mmScrew headSlottedScrew threadingM 2,5Tightening torque, min.0.4 Nm	Number of levels	1
Wire cross-section stranded, min.0.2 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded with wire-end ferrules, min.0.2 mm²Wire cross-section stranded with wire-end ferrules, max.2.5 mm²Wire cross-section AWG, min.22Wire cross-section AWG, max.12Stripping length7 mmScrew headSlottedScrew threadingM 2,5Tightening torque, min.0.4 Nm	Wire cross-section single-core (rigid) / stranded, min.	0.2 mm <sup>2</sup>
Wire cross-section stranded, max.4 mm²Wire cross-section stranded with wire-end ferrules, min.0.2 mm²Wire cross-section stranded with wire-end ferrules, max.2.5 mm²Wire cross-section AWG, min.22Wire cross-section AWG, max.12Stripping length7 mmScrew headSlottedScrew threadingM 2,5Tightening torque, min.0.4 Nm	Wire cross-section single core (rigid)/stranded, max.	4 mm <sup>2</sup>
Wire cross-section stranded with wire-end ferrules, min.0.2 mm²Wire cross-section stranded with wire-end ferrules, max.2.5 mm²Wire cross-section AWG, min.22Wire cross-section AWG, max.12Stripping length7 mmScrew headSlottedScrew threadingM 2,5Tightening torque, min.0.4 Nm	Wire cross-section stranded, min.	0.2 mm <sup>2</sup>
min.0.2 mm²Wire cross-section stranded with wire-end ferrules, max.2.5 mm²Wire cross-section AWG, min.22Wire cross-section AWG, max.12Stripping length7 mmScrew headSlottedScrew threadingM 2,5Tightening torque, min.0.4 Nm	Wire cross-section stranded, max.	4 mm <sup>2</sup>
max.2.5 mm²Wire cross-section AWG, min.22Wire cross-section AWG, max.12Stripping length7 mmScrew headSlottedScrew threadingM 2,5Tightening torque, min.0.4 Nm		0.2 mm <sup>2</sup>
Wire cross-section AWG, max.12Stripping length7 mmScrew headSlottedScrew threadingM 2,5Tightening torque, min.0.4 Nm		2.5 mm <sup>2</sup>
Stripping length7 mmScrew headSlottedScrew threadingM 2,5Tightening torque, min.0.4 Nm	Wire cross-section AWG, min.	22
Screw headSlottedScrew threadingM 2,5Tightening torque, min.0.4 Nm	Wire cross-section AWG, max.	12
Screw threadingM 2,5Tightening torque, min.0.4 Nm	Stripping length	7 mm
Tightening torque, min. 0.4 Nm	Screw head	Slotted
	Screw threading	M 2,5
Tightening torque, max. 0.8 Nm	Tightening torque, min.	0.4 Nm
	Tightening torque, max.	0.8 Nm



### **Technical data**

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	$\checkmark$
Number of test pick-off options	1
Environmental Product Compliance	
REACH Conform	Yes
REACH Reference date	2022-06-10
REACH Candidate Substance Note	No
RoHS Conform	Yes

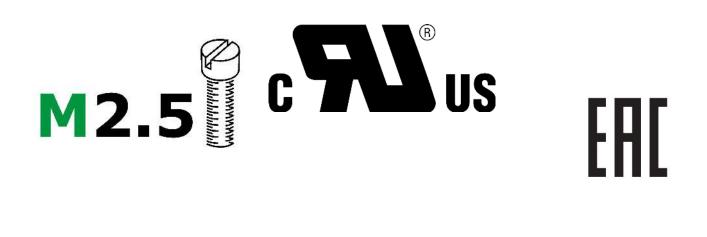


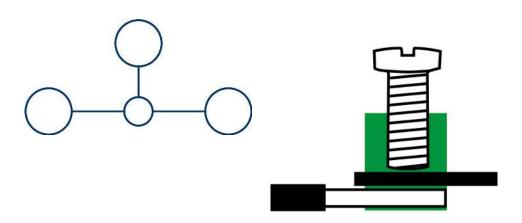
### Approvals

	R ZU 004/2011
C approval granted	11 20 004/2011
	res
_ Recognized	
_ approval C	C22.2 No 158
Usegroup B: rated voltage 60	600 V
Usegroup B: rated current 20	20 A
Usegroup C: rated voltage 60	600 V
Usegroup C: rated current 20	20 A
wire cross-section single-core (rigid) AWG, min. 22	22
wire cross-section single-core (rigid) AWG, max. 12	2
wire cross-section stranded AWG, min. 22	22
wire cross-section stranded AWG, max.	2
torque 5.	5.3 Nm
wire material C	Cu
- File Number E	595701
Recognized 1	
Recognized	
approval U	JL 1059
Usegroup B: rated voltage 60	500 V
Usegroup B: rated current 20	20 A
Usegroup C: rated voltage 60	500 V
Usegroup C: rated current 20	20 A
wire cross-section single-core (rigid) AWG, min. 22	22
wire cross-section single-core (rigid) AWG, max. 12	2
wire cross-section stranded AWG, min. 22	22
wire cross-section stranded AWG, max. 12	2
torque 5.	5.3 Lb In
wire material C	Cu
factory wiring 1	
field wiring 1	
File Number E	95701
Recognized 1	



#### Media







#### Accessories

er	Cover, Length:	20 mm, Width: 24 mm, Colour: Yellow		
DANGER 4	Article number	Article name	GTIN (EAN)	Packaging unit
LIFE TELIMINALS	2713.0	AD 4/20/B/E YE	4044211054540	50 ST
	Cover, Length:	26.5 mm, Width: 5 mm, Colour: White		
	Article number	Article name	GTIN (EAN)	Packaging unit
	2962.0	AD 1/5 WH	4044211056919	50 ST
Vorsicht	Cover, Length:	20 mm, Width: 24 mm, Colour: Yellow		
Spannung	Article number	Article name	GTIN (EAN)	Packaging unit
opulling	2712.0	AD 4/20/B YE	4044211054533	50 ST
	Cover, Length:	26.5 mm, Width: 5 mm, Colour: Yellow		
4	Article number	Article name	GTIN (EAN)	Packaging unit
	2952.0	AD 1/5/B YE	4044211056803	50 ST

#### End plate

		End plate, Widt	h: 1.5 mm, Colour: Beige		
		Article number	Article name	GTIN (EAN)	Packaging unit
		2001.2	AP 2,5-10 BG	4044211047979	50

#### End stop

	End stop, Moun	ting type: Mounting rail TS 35/7.5, Width	9.5 mm, Colour: Beige	
	Article number	Article name	GTIN (EAN)	Packaging unit
	2828.0	ES 35/K/ST BG	4044211055547	50



#### **Cross-connector**

9999 	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			
	Article number	Article name	GTIN (EAN)	Packaging unit
	2569.0	Q 4	4044211053598	20 ST
****		or, No. of poles: 10, Mounting type: Ca action: 2.5 mm², Colour: natural	n be screwed on, Widt	h: 49.9 mm,
ġġġġġġġġġġġ	Article number	Article name	GTIN (EAN)	Packaging unit
	2570.0	Q 10	4044211053604	10 ST
	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			: 14.2 mm,
	Article number	Article name	GTIN (EAN)	Packaging unit
1.011	2568.0	Q 3	4044211053581	50 ST
		or, No. of poles: 2, Mounting type: Can action: 2.5 mm², Colour: natural	be screwed on, Width	: 9.1 mm,
	Article number	Article name	GTIN (EAN)	Packaging unit
	2567.0	Q 2	4044211053574	50 ST

### Insulation plate

Insulation plate, Colour: Beige			
Article number	Article name	GTIN (EAN)	Packaging unit
2566.2	TRS 3 BG	4044211053567	100 ST



#### Screwdriver

	Screwdriver wi	th bare blade, Colour: Black-grey		
- Comman -	Article number	Article name	GTIN (EAN)	Packaging unit
	1085.0	SDB 0,5x3,0	4044211014643	1 ST

#### ##INVERSE##CONTA-CONNECT

	Test adapter, L	er, Length: 37.3 mm, Pitch size: 5 mm, Colour: Beige		
	Article number	Article name	GTIN (EAN)	Packaging unit
	2812.0	TA 5/1/ST	4044211055394	10 ST