

Feed-through terminal, Screw connection, Mounting type:Mounting rail TS 35/7.5 and TS 32, Rated cross-section: 4 mm², Width: 6 mm, Colour: White

RAL: 9010

Business data

Article number	<u>1211.7</u>
Article name	RK 2,5-4/ZRL WH
GTIN (EAN)	4044211028640
Packaging unit	100
Quantity unit	PC
Weight per piece (not including packaging)	13.2 g
Weight per piece (including packaging)	13.97 g
Unit of weight	G
Customs number	85369010
Country of origin	CZ
Prio-Article	1211.2
Product description	Feed-through terminal



Technical data

Length67 mmWidth6 mmHeight TS 35/7.547 mmHeight TS 3251.5 mmRatings500 VRated voltage500 VRated voltage6 KVOvervoltage category111Contamination degree3Maximum power dissipation for nominal condition0.77 WConnection data2Connection principleScrew connectionConnection principleScrew connectionConnection split1Wire cross-section single-core (rigid)/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, man.2.2Wire cross-section AWG, man.2.5 mm²Wire cross-section AWG, man.12Stripping length9 mmStripping length9 mmStripping length9 mmStripping length9 mmStrew headSlottedStrew headSlottedStrew head1 Nm	Dimensions	
Height TS 35/7.547 mmHeight TS 3251.5 mmRatings8Rated voltage500 VRated current24 ARated cross-section4 mm²Rated impulse voltage6 kVOvervoltage categoryIIIContamination degree3Maximum power dissipation for nominal condition0.77 WConnection principleScrew connectionConnection principleScrew connectionConnection positionLateralConnections4Number 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.0.2 mm²Wire cross-section stranded with wire-end ferrules, max.2.5 mm²Wire cross-section AWG, max.12Stripping length9 mmScrew headSlottedScrew headSlottedScrew headSlotted	Length	67 mm
Height TS 32 51.5 mm Ratings Rated voltage Rated voltage 500 V Rated current 24 A Rated cross-section 4 mm² Rated impulse voltage 6 kV Overvoltage category III Contamination degree 3 Maximum power dissipation for nominal condition 0.77 W Connection data Connection Quart Connection principle Screw connection Connection position Lateral Connections 4 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 with wire-end ferrules, min. 0.2 mm² Wire cross-section stranded with wire-end ferrules, min. 0.2 mm² Wire cross-section AWG, min. 22 Wire cross-section AWG, max. 12 Stripping length 9 mm Screw head Slotted Screw head Slotted </td <td>Width</td> <td>6 mm</td>	Width	6 mm
Ratings Rated voltage 500 V Rated current 24 A Rated cross-section 4 mm² Rated impulse voltage 6 kV Overvoltage category III Contamination degree 3 Maximum power dissipation for nominal condition 0.77 W Connection data Connection for principle Connection position Lateral Connections 4 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, mix. 4 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 Attrade ferrules, mix. 2.5 mm² Wire cross-section Attraded with wire-end ferrules, max. 12 Wire cross-section Attraded with wire-end ferrules, max. 12 Wire cross-section Attraded with wire-end ferrules, max. 12 Wire cross-section AWG, max. 12	Height TS 35/7.5	47 mm
Rated voltage500 VRated current24 ARated cross-section4 mm²Rated impulse voltage6 kVOvervoltage categoryIIIContamination degree3Maximum power dissipation for nominal condition0.77 WConnection dataConnection principleConnection principleScrew connectionConnection principleScrew connectionConnection positionLateralConnections4Number 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 length9 mmScrew headSlottedScrew threadingM 3Tightening torque, min.0.5 Nm	Height TS 32	51.5 mm
Rated current24 ARated cross-section4 mm²Rated impulse voltage6 kVOvervoltage categoryIIIContamination degree3Maximum power dissipation for nominal condition0.77 WConnection dataConnection principleConnection principleScrew connectionConnection positionLateralConnections4Number 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, max.12Stripping length9 mmScrew headSlottedScrew threadingM 3Tightening torque, min.0.5 Nm	Ratings	
Rated cross-section4 mm²Rated impulse voltage6 kVOvervoltage categoryIIIContamination degree3Maximum power dissipation for nominal condition0.77 WConnection dataConnection for nominal conditionConnection principleScrew connectionConnection positionLateralConnections4Number 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, 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 AWG, min.22Wire cross-section AWG, max.12Stripping length9 mmScrew headSlottedScrew headingM 3Tightening torque, min.0.5 Nm	Rated voltage	500 V
Rated impulse voltage6 kVOvervoltage categoryIIIContamination degree3Maximum power dissipation for nominal condition0.77 WConnection dataConnectionConnection principleScrew connectionConnection positionLateralConnections4Number 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, 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 length9 mmScrew headSlottedScrew headingM 3Tightening torque, min.0.5 Nm	Rated current	24 A
Overvoltage categoryIIIContamination degree3Maximum power dissipation for nominal condition0.77 WConnection dataConnection principleConnection principleScrew connectionConnection positionLateralConnections4Number 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 stranded with wire-end ferrules, min.2.5 mm²Wire cross-section AWG, max.12Stripping length9 mmScrew headSlottedScrew headSlottedScrew threadingM 3Tightening torque, min.0.5 Nm	Rated cross-section	4 mm ²
Contamination degree3Maximum power dissipation for nominal condition0.77 WConnection dataConnection principleConnection principleScrew connectionConnection positionLateralConnections4Number 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 length9 mmScrew headSlottedScrew threadingM 3Tightening torque, min.0.5 Nm	Rated impulse voltage	6 kV
Maximum power dissipation for nominal condition0.77 WConnection dataConnection principleScrew connectionConnection positionLateralConnections4Number 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, max.4 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, max.12Stripping length9 mmScrew headSlottedScrew threadingM 3Tightening torque, min.0.5 Nm	Overvoltage category	III
Connection dataConnection principleScrew connectionConnection positionLateralConnections4Number of terminals per level2Number of terminals per level1Wire 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, 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 length9 mmScrew headSlottedScrew threadingM 3Tightening torque, min.0.5 Nm	Contamination degree	3
Connection principleScrew connectionConnection positionLateralConnections4Number 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, max.4 mm²Wire cross-section stranded with wire-end ferrules, min.0.2 mm²Wire cross-section Atrade with wire-end ferrules, max.2.5 mm²Wire cross-section AWG, min.22Wire cross-section AWG, max.12Stripping length9 mmScrew headSlottedScrew threadingM 3Tightening torque, min.0.5 Nm	Maximum power dissipation for nominal condition	0.77 W
Connection positionLateralConnections4Number 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, 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 length9 mmScrew headSlottedScrew threadingM 3Tightening torque, min.0.5 Nm	Connection data	
Connections4Number 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 length9 mmScrew headSlottedScrew threadingM 3Tightening torque, min.0.5 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 length9 mmScrew headSlottedScrew threadingM 3Tightening torque, min.0.5 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.2.5 mm²Wire cross-section AWG, min.22Wire cross-section AWG, max.12Stripping length9 mmScrew headSlottedScrew threadingM 3Tightening torque, min.0.5 Nm	Connections	4
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 stranded with wire-end ferrules, max.2.5 mm²Wire cross-section AWG, min.22Wire cross-section AWG, max.12Stripping length9 mmScrew headSlottedScrew threadingM 3Tightening torque, min.0.5 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 length9 mmScrew headSlottedScrew threadingM 3Tightening torque, min.0.5 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 length9 mmScrew headSlottedScrew threadingM 3Tightening torque, min.0.5 Nm	Wire cross-section single-core (rigid) / stranded, min.	0.2 mm ²
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 length9 mmScrew headSlottedScrew threadingM 3Tightening torque, min.0.5 Nm	Wire cross-section single core (rigid)/stranded, max.	4 mm ²
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 length9 mmScrew headSlottedScrew threadingM 3Tightening torque, min.0.5 Nm	Wire cross-section stranded, min.	0.2 mm ²
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 length9 mmScrew headSlottedScrew threadingM 3Tightening torque, min.0.5 Nm	Wire cross-section stranded, max.	4 mm ²
max.2.5 mm²Wire cross-section AWG, min.22Wire cross-section AWG, max.12Stripping length9 mmScrew headSlottedScrew threadingM 3Tightening torque, min.0.5 Nm		0.2 mm ²
Wire cross-section AWG, max.12Stripping length9 mmScrew headSlottedScrew threadingM 3Tightening torque, min.0.5 Nm		2.5 mm ²
Stripping length9 mmScrew headSlottedScrew threadingM 3Tightening torque, min.0.5 Nm	Wire cross-section AWG, min.	22
Screw headSlottedScrew threadingM 3Tightening torque, min.0.5 Nm	Wire cross-section AWG, max.	12
Screw threadingM 3Tightening torque, min.0.5 Nm	Stripping length	9 mm
Tightening torque, min. 0.5 Nm	Screw head	Slotted
	Screw threading	M 3
Tightening torque, max. 1 Nm	Tightening torque, min.	0.5 Nm
	Tightening torque, max.	1 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	A4
Number of cross-connection channels	1
End plate required	\checkmark
Number of test pick-off options	1
Environmental Product Compliance	
REACH Conform	Yes
REACH Candidate Substance Note	No
RoHS Conform	Yes



Approvals

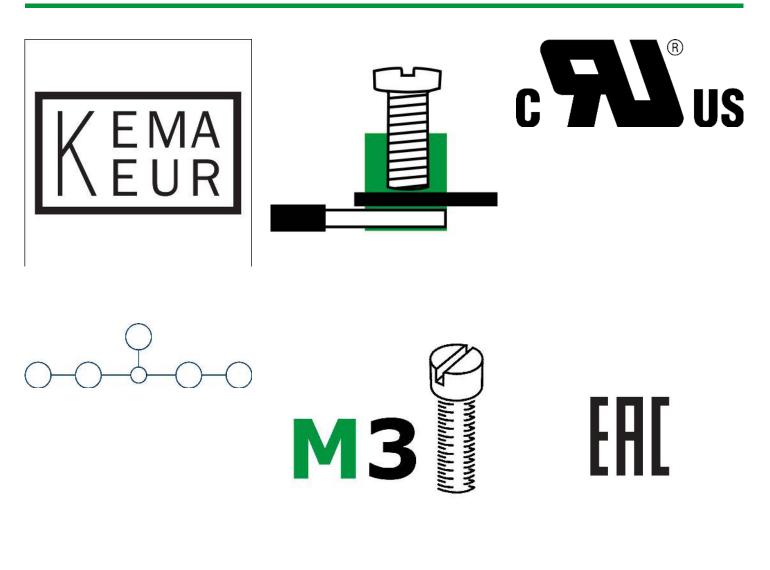
EAC approval	TR ZU 004/2011
	117 20 004/2011
EAC approval granted	yes
cUL Recognized	
cUL approval	C22.2 No 158
cUL Usegroup B: rated voltage	600 V
cUL Usegroup B: rated current	30 A
cUL Usegroup C: rated voltage	600 V
cUL Usegroup C: rated current	30 A
cUL wire cross-section single-core (rigid) AWG, min.	22
cUL wire cross-section single-core (rigid) AWG, max.	10
cUL wire cross-section stranded AWG, min.	22
cUL wire cross-section stranded AWG, max.	10
cUL torque	7 Nm
cUL wire material	Cu
cUL File Number	E95701
cUL Recognized	1
KEMA KEUR approval	
KEMA KEUR approval	EN 60947-7-1:2009
KEMA KEUR approval granted	yes
KEMA rated voltage	800 V
KEMA rated current	32 A
KEMA rated impulse voltage	6 kV
KEMA wire cross-section single core (rigid), min.	0.2 mm ²
KEMA wire cross-section single-core (rigid), max.	6 mm ²
KEMA wire cross-section stranded, min.	0.2 mm ²
KEMA wire cross-section stranded, max.	6 mm ²
	0.5 Nm
KEMA torque, min.	0.5 MIT



Approvals

UL Recognized	
UL approval	UL 1059
UL Usegroup B: rated voltage	600 V
UL Usegroup B: rated current	30 A
UL Usegroup C: rated voltage	600 V
UL Usegroup C: rated current	30 A
UL wire cross-section single-core (rigid) AWG, min.	22
UL wire cross-section single-core (rigid) AWG, max.	10
UL wire cross-section stranded AWG, min.	22
UL wire cross-section stranded AWG, max.	10
UL torque	7 Lb In
UL wire material	Cu
UL factory wiring	1
UL field wiring	1
UL File Number	E95701
UL Recognized	1

Media







Accessories

End plate

End plate, Widt	h: 1.5 mm, Colour: Beige		
Article number	Article name	GTIN (EAN)	Packaging unit
2575.2	AP 2,5/RL BG	4044211053680	50

End stop

	End stop, Mounting 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

Cross-connector, No. of poles: 3, Mounting type: Can be screwed on, Width: 17 mm,
Rated cross-section: 4 mm ² , Colour: natural

Article number	Article name	GTIN (EAN)	Packaging unit
2020.0	Q 3	4044211048235	50 ST



Cross-connector, No. of poles: 2, Mounting type: Can be screwed on, Width: 10.9 mm, Rated cross-section: 4 mm², Colour: natural

Article number	Article name	GTIN (EAN)	Packaging unit
2019.0	Q 2	4044211048228	50 ST



Cross-connector, No. of poles: 4, Mounting type: Can be screwed on, Width: 23.1 mm, Rated cross-section: 4 mm², Colour: natural

Article number	Article name	GTIN (EAN)	Packaging unit
2021.0	Q 4	4044211048242	20 ST



Cross-connector

Cross-connector, No. of poles: 10, Mounting type: Can be screwed on, Width: 59.7 mm, Rated cross-section: 4 mm², Colour: natural

Article number	Article name	GTIN (EAN)	Packaging unit
2022.0	Q 10	4044211048259	10 ST

Quick marking

 Terminal marker / Pocket Maxicard, Length: 5 mm, Width: 6 mm, Colour: White			
Article number	Article name	GTIN (EAN)	Packaging unit
4702.7	PMC SB 6/50 WH	4044211089986	500 ST

Insulation plate

-	Insulation plate, Colour: Beige			
0 0	Article number	Article name	GTIN (EAN)	Packaging unit
	2003.2	TRS 1 BG	4044211048068	100

Screwdriver

Screwdriver with bare blade, Colour: Black-grey

	Article number	Article name	GTIN (EAN)	Packaging unit
	1086.0	SDB 0,6x3,5	4044211014797	1 ST

Test adapters

	Test adapter, L	Test adapter, Length: 37.3 mm, Pitch size: 6 mm, Colour: Beige			
	Article number	Article name	GTIN (EAN)	Packaging unit	
	2813.0	TA 6/1/ST	4044211055400	10 ST	