

Double-level 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: Red

Business data	
Article number	1206.9
Article name	RKD 2,5 RD
GTIN (EAN)	4044211028244
Packaging unit	100
Quantity unit	PC
Weight per piece (not including packaging)	10.2 g
Weight per piece (including packaging)	11 g
Unit of weight	G
Customs number	85369010
Country of origin	CZ
Prio-Article	1206.2
Product description	Double-level terminal



## **Technical data**

Length60.2 mmWidth5 mmHeight TS 35/7.561 mmHeight TS 3265.5 mmRatings500 VRated voltage500 VRated voltage6 kVQuerrent2.4 ARated cross-section2.5 mm²Rated sippaise voltage6 kVOvervoltage categoryIIIContamination degree3Maximum power dissipation for nominal condition1.54 WConnection principleScrew connectionConnection principleScrew connectionConnection positionLateralConnections position2 x 2Number of terminals per level2Wire cross-section single-core (rigid) / stranded, min.0.2 mm²Wire 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.2.5 mm²Wire cross-section stranded with wire-end ferrules, min.2.5 mm²Wire cross-section AVG, man.2Wire cross-section AVG, man.2Wire cross-section AVG, man.2Wire cross-section AVG, man.14Striping length7 mmScrew threadingM 2,5Tightening torque, min.0.4 NmTightening torque, min.0.8 Nm	Dimensions	
Height TS 35/7.561 mmHeight TS 3265.5 mmRatingsRated voltageRated voltage500 VRated current24 ARated cross-section2.5 mm²Rated impulse voltage6 kVOvervoltage categoryIIIContamination degree3Maximum power dissipation for nominal condition1.54 WConnection principleScrew connectionConnection principleScrew connectionConnection positionLateralConnection position2 × 2Number of terminals per level2Number of levels2Wire 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, max.2.5 mm²Wire cross-section Aranded with	Length	60.2 mm
Height TS 3265.5 mmRatingsRated voltage500 VRated voltage500 VRated current24 ARated current2.5 mm²Rated impulse voltage6 kVOvervoltage categoryIIIContamination degree3Maximum power dissipation for nominal condition1.54 WConnection dataConnection forConnection principleScrew connectionConnection positionLateralConnections2 x 2Number of terminals per level2Wire 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 AWG, min.22Wire cross-section AWG, max.14Stripping length7 mmScrew headSlottedScrew threadingM 2,5Tightening torque, min.0.4 Nm	Width	5 mm
RatingsRated voltage500 VRated voltage500 VRated current24 ARated cross-section2.5 mm²Rated impulse voltage6 kVOvervoltage categoryIIIContamination degree3Maximum power dissipation for nominal condition1.54 WConnection dataConnection principleConnection principleScrew connectionConnection principleScrew connectionConnections2 x 2Number of terminals per level2Vire cross-section single-core (rigid) / 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, min.0.2 mm²Wire cross-section AWG, min.22Wire cross-section AWG, min.22Wire cross-section AWG, min.22Wire cross-section AWG, max.14Stripping length7 mmScrew headSlottedScrew threadingM 2,5Tightening torque, min.0.4 Nm	Height TS 35/7.5	61 mm
Rated voltage500 VRated current24 ARated cross-section2.5 mm²Rated impulse voltage6 kVOvervoltage categoryIIIContamination degree3Maximum power dissipation for nominal condition1.54 WConnection dataConnection principleConnection principleScrew connectionConnection positionLateralConnections positionLateralConnection spectrom 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 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 stranded with wire-end ferrules, max.14Stripping length7 mmScrew headSlottedScrew headSlottedScrew headSlotted	Height TS 32	65.5 mm
Rated current24 ARated cross-section2.5 mm²Rated impulse voltage6 kVOvervoltage categoryIIIContamination degree3Maximum power dissipation for nominal condition1.54 WConnection dataConnection principleConnection principleScrew connectionConnection positionLateralConnection position2 x 2Number of terminals per level2Number of levels2Wire 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 stranded with wire-end ferrules, max.14Stripping length7 mmScrew headSlottedScrew headSlottedScrew headSlotted	Ratings	
Rated cross-section2.5 mm²Rated impulse voltage6 kVOvervoltage categoryIIIContamination degree3Maximum power dissipation for nominal condition1.54 WConnection dataConnection principleScrew connectionConnection positionLateralConnections2 x 2Number of terminals per level2Vire 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, max.2.5 mm²Wire cross-section AWG, min.22Wire cross-section AWG, min.22Wire cross-section AWG, max.14Stripping length7 mmScrew headSlottedScrew threadingM 2,5Tightening torque, min.0.4 Nm	Rated voltage	500 V
Rated impulse voltage6 kVOvervoltage categoryIIIContamination degree3Maximum power dissipation for nominal condition1.54 WConnection dataConnection principleScrew connectionConnection positionLateralConnections2 x 2Number of terminals per level2Number of levels2Wire cross-section single-core (rigid) / 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, max.14Stripping length7 mmScrew headSlottedScrew threadingM 2,5Tightening torque, min.0.4 Nm	Rated current	24 A
Overvoltage categoryIIIContamination degree3Maximum power dissipation for nominal condition1.54 WConnection dataConnection principleConnection positionLateralConnections2 x 2Number of terminals per level2Number of levels2Wire 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, min.2.5 mm²Wire cross-section AWG, max.14Stripping length7 mmScrew headSlottedScrew threadingM 2,5Tightening torque, min.0.4 Nm	Rated cross-section	2.5 mm <sup>2</sup>
Contamination degree3Maximum power dissipation for nominal condition1.54 WConnection dataEndConnection positionLateralConnection positionLateralConnections2 x 2Number of terminals per level2Number of levels2Wire 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 AWG, min.22Wire cross-section AWG, min.22Wire cross-section AWG, max.14Stripping length7 mmScrew headSlottedScrew threadingM 2,5Tightening torque, min.0.4 Nm	Rated impulse voltage	6 kV
Maximum power dissipation for nominal condition1.54 WConnection dataConnection principleConnection positionLateralConnections2 x 2Number of terminals per level2Number of terminals per level2Wire cross-section single-core (rigid) / 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.14Stripping length7 mmScrew headSlottedScrew threadingM 2,5Tightening torque, min.0.4 Nm	Overvoltage category	III
Connection dataConnection principleScrew connectionConnection positionLateralConnections2 x 2Number of terminals per level2Number of terminals per level2Wire 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.14Stripping length7 mmScrew headSlottedScrew threadingM 2,5Tightening torque, min.0.4 Nm	Contamination degree	3
Connection principleScrew connectionConnection positionLateralConnections2 x 2Number of terminals per level2Number of levels2Wire 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.14Stripping length7 mmScrew headSlottedScrew threadingM 2,5Tightening torque, min.0.4 Nm	Maximum power dissipation for nominal condition	1.54 W
Connection positionLateralConnections2 x 2Number of terminals per level2Number of levels2Wire 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.14Stripping length7 mmScrew headSlottedScrew threadingM 2,5Tightening torque, min.0.4 Nm	Connection data	
Connections2 x 2Number of terminals per level2Number of levels2Wire 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.14Stripping length7 mmScrew headSlottedScrew threadingM 2,5Tightening torque, min.0.4 Nm	Connection principle	Screw connection
Number of terminals per level2Number of levels2Wire cross-section single-core (rigid) / stranded, min.0.2 mm²Wire cross-section single core (rigid)/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, min.22Wire cross-section AWG, max.14Stripping length7 mmScrew headSlottedScrew threadingM 2,5Tightening torque, min.0.4 Nm	Connection position	Lateral
Number of levels2Wire 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.14Stripping length7 mmScrew headSlottedScrew threadingM 2,5Tightening torque, min.0.4 Nm	Connections	2 x 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.0.2 mm²Wire cross-section stranded with wire-end ferrules, max.2.5 mm²Wire cross-section AWG, min.22Wire cross-section AWG, max.14Stripping 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.14Stripping length7 mmScrew headSlottedScrew threadingM 2,5Tightening torque, min.0.4 Nm	Number of levels	2
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.14Stripping 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.14Stripping 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.14Stripping 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.14Stripping 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.14Stripping length7 mmScrew headSlottedScrew threadingM 2,5Tightening torque, min.0.4 Nm		0.2 mm <sup>2</sup>
Wire cross-section AWG, max.14Stripping 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.	14
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	2
End plate required	$\checkmark$
Number of test pick-off options	1
Environmental Product Compliance	
REACH Candidate Substance Note	No

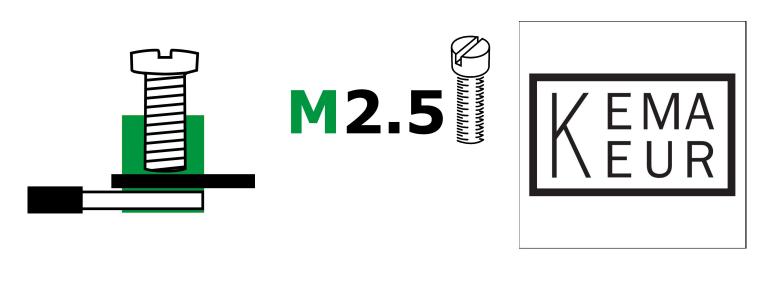


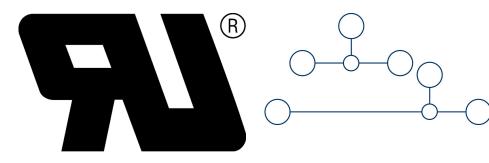
## Approvals

Standards and regulations	
EAC approval	TR ZU 004/2011
EAC approval granted	yes
KEMA KEUR approval	
KEMA KEUR approval	EN 60947-7-1:2009
KEMA KEUR approval granted	yes
KEMA rated voltage	500 V
KEMA rated current	24 A
KEMA rated impulse voltage	6 kV
KEMA wire cross-section single core (rigid), min.	0.2 mm <sup>2</sup>
KEMA wire cross-section single-core (rigid), max.	4 mm <sup>2</sup>
KEMA wire cross-section stranded, min.	0.2 mm <sup>2</sup>
KEMA wire cross-section stranded, max.	4 mm <sup>2</sup>
UL Recognized	
UL approval	UL 1059
UL Usegroup C: rated voltage	300 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	1
UL field wiring	1
UL Recognized	1



### Media







### Accessories

#### End plate

End plate, Widt	h: 1.5 mm, Colour: Beige		
Article number	Article name	GTIN (EAN)	Packaging unit
2101.2	AP 4 BG	4044211151652	20

### Insulation plate

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

#### **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			
	Article number	Article name	GTIN (EAN)	Packaging unit
	2569.0	Q 4	4044211053598	20 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			
	Article number	Article name	GTIN (EAN)	Packaging unit
	Article number	Article name Q 10	<b>GTIN (EAN)</b> 4044211053604	
	2570.0 Cross-connecto		4044211053604	unit 10 ST

-	Article number Article name		GTIN (EAN)	
	2568.0	Q 3	4044211053581	50 ST



### **Cross-connector**

Cross-connect Rated cross-se	be screwed on, Width	: 9.1 mm,	
Article number	Article name	GTIN (EAN)	Packaging unit
2567.0	Q 2	4044211053574	50 ST

### 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

### **Test adapters**

	Test adapter, L	ength: 37.3 mm, Pitch size: 5 mm, Colo	ur: Beige	
	Article number	Article name	GTIN (EAN)	Packaging unit
L	2821.0	TAD 5/1/S	4044211055479	10 ST

### Screwdriver

Screwdriver with bare blade, Colour: Black-grey

THE MADE SALARY	Article number	Article name	GTIN (EAN)	Packaging unit
	1085.0	SDB 0,5x3,0	4044211014643	1 ST



### **Quick marking**

	Terminal marker / Pocket Maxicard, Length: 5 mm, Width: 5 mm, Colour: White				
	Article number	Article name	GTIN (EAN)	Packaging unit	
	4600.7	PMC SB 5/50 WH	4044211088903	500 ST	

### ##INVERSE##CONTA-CONNECT

	Test adapter, Length: 37.3 mm, Pitch size: 5 mm, Colour: Beige			
	Article number	Article name	GTIN (EAN)	Packaging unit
	2821.0	TAD 5/1/S	4044211055479	10 ST