

Double-level terminal with electronic components, Screw connection, Mounting type:Mounting rail TS 35/7.5 and TS 32, Rated cross-section: 4 mm², Width: 6 mm, Colour: Beige

### **Business data**

Article number	2320.2
Article name	RKD 4/D6 BG
GTIN (EAN)	4044211051068
Packaging unit	100
Quantity unit	PC
Weight per piece (not including packaging)	12.6 g
Weight per piece (including packaging)	13.37 g
Unit of weight	G
Customs number	85369010
Country of origin	BG
Product description	Double-level terminals with electronic components
Colour	Beige



Dimensions           Length         60.2 mm           Width         6 mm           Height TS 35/7.5         61 mm           Height TS 32         65.5 mm           Ratings         Rated voltage           Rated voltage         400 V           Rated current         1 A           Rated corss-section         4 mm²           Rated impulse voltage         6 kV           Overvoltage category         III           Contamination degree         3           Connection principle         Screw connection           Connection single-core (rigid) / stranded, min.         0.2 mm²           Wire cross-section single-core (rigid) / stranded, min.         0.2 mm²           Wire cross-section stranded, min.         0.2 mm²           Wire cross-section stranded with wire-end ferrules, min.         4 mm²           Wire cross-section stranded with wire-end ferrules, min.         4 mm²		
Midth	Technical data	
Width         6 mm           Height TS 35/7.5         61 mm           Height TS 32         65.5 mm           Ratings         8.2.5 mm           Rated voltage         400 V           Rated current         1 A           Rated corss-section         4 mm²           Rated impulse voltage         6 kV           Overvoltage category         III           Contamination degree         3           Connection data         Screw connection           Connection principle         Screw connection           Connection position         Lateral           Number of terminals per level         2           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 with wire-end ferrules, min.         0.2 mm²           Wire cross-section stranded with wire-end ferrules, max.         4 mm²           Wire cross-section AWG, min.         22           Wire cross-section AWG, max.         12           Stripping length         9 mm           Screw head         Slotted           Screw threading         M 3	Dimensions	
Height TS 35/7.5 61 mm  Ratings Rated voltage 400 V  Rated current 1 A  Rated cross-section 4 mm² Rated impulse voltage 6 kV  Overvoltage category III  Contamination degree 3  Connection data  Connection principle Screw connection  Connection position Lateral  Number of terminals per level 2  Number of levels 2  Wire cross-section single-core (rigid) / stranded, min. 0.2 mm²  Wire cross-section stranded, min. 0.2 mm²  Wire cross-section stranded with wire-end ferrules, min.  Wire cross-section stranded with wire-end ferrules, max.  Wire cross-section AWG, min. 22  Wire cross-section AWG, max. 12  Stripping length 9 mm  Screw threading M3  Tightening torque, min. 0.5 Nm	Length	60.2 mm
Ratings Rated voltage 400 V Rated current 1 A Rated cross-section 4 mm² Rated impulse voltage 6 kV Overvoltage category III Contamination degree 3 Connection data Connection principle Screw connection Connection position Lateral Number of terminals per level 2 Number of levels 2 Wire cross-section single-core (rigid) / stranded, min. 0.2 mm² Wire cross-section stranded, min. 0.2 mm² Wire cross-section stranded with wire-end ferrules, min. Wire cross-section stranded with wire-end ferrules, max. Wire cross-section AWG, min. 22 Wire cross-section AWG, max. 12 Stripping length 9 mm Screw head Slotted Screw threading to the side of the si	Width	6 mm
Ratings Rated voltage 400 V Rated current 1 A Rated cross-section 4 mm² Rated impulse voltage 6 kV Overvoltage category III Contamination degree 3 Connection data Connection principle Screw connection Connection principle Lateral Number of terminals per level 2 Number of levels 2 Wire cross-section single-core (rigid) / stranded, min. 0.2 mm² Wire cross-section stranded, min. 0.2 mm² Wire cross-section stranded, min. 0.2 mm² Wire cross-section stranded with wire-end ferrules, min. Wire cross-section stranded with wire-end ferrules, max. Wire cross-section AWG, min. 22 Wire cross-section AWG, min. 22 Wire cross-section AWG, max. 12 Stripping length 9 mm Screw head Slotted Screw threading M3 Tightening torque, min. 0.5 Nm	Height TS 35/7.5	61 mm
Rated voltage 400 V Rated current 1 A Rated cross-section 4 mm² Rated impulse voltage 6 kV Overvoltage category III Contamination degree 3 Connection data Connection principle Screw connection Connection position Lateral Number of terminals per level 2 Number of levels 2 Wire cross-section single-core (rigid) / stranded, min. 0.2 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. 4 mm² Wire cross-section AWG, min. 22 Wire cross-section AWG, min. 22 Stripping length 9 mm Screw head Slotted Screw threading M3 Tightening torque, min. 0.5 Nm	Height TS 32	65.5 mm
Rated current 1 A Rated cross-section 4 mm² Rated cross-section 4 mm² Rated impulse voltage 6 kV Overvoltage category III Contamination degree 3  Connection data Connection principle Screw connection Connection position Lateral Number of terminals per level 2 Number of levels 2 Wire cross-section single-core (rigid) / stranded, min. 0.2 mm² Wire cross-section stranded, min. 0.2 mm² Wire cross-section stranded, min. 0.2 mm² Wire cross-section stranded with wire-end ferrules, min. Wire cross-section stranded with wire-end ferrules, min. Wire cross-section AWG, min. 22 Wire cross-section AWG, min. 22 Stripping length 9 mm Screw head Slotted Screw threading M 3 Tightening torque, min. 0.5 Nm	Ratings	
Rated impulse voltage  Rated impulse voltage  Overvoltage category  III  Contamination degree  3  Connection data  Connection principle  Screw connection  Connection position  Lateral  Number of terminals per level  2  Number of levels  2  Wire cross-section single-core (rigid) / stranded, min.  Wire cross-section stranded, min.  0.2 mm²  Wire cross-section stranded, min.  0.2 mm²  Wire cross-section stranded with wire-end ferrules, min.  Wire cross-section stranded with wire-end ferrules, max.  Wire cross-section stranded with wire-end ferrules, max.  Wire cross-section AWG, min.  22  Stripping length  9 mm  Screw threading  M 3  Tightening torque, min.  0.5 Nm	Rated voltage	400 V
Rated impulse voltage Overvoltage category III Contamination degree 3  Connection data Connection principle Connection position Lateral Number of terminals per level 2 Number of levels 2 Wire cross-section single-core (rigid) / stranded, min. 0.2 mm² Wire cross-section stranded, min. 0.2 mm² Wire cross-section stranded, min. 0.2 mm² Wire cross-section stranded with wire-end ferrules, min. Wire cross-section stranded with wire-end ferrules, max.  Wire cross-section AWG, min. 22 Wire cross-section AWG, max. 12 Stripping length 9 mm Screw head Slotted Screw threading M 3 Tightening torque, min. 0.5 Nm	Rated current	1 A
Overvoltage category Contamination degree 3 Connection data Connection principle Connection position Lateral Number of terminals per level 2 Number of levels 2 Wire cross-section single-core (rigid) / stranded, min. Wire cross-section stranded, min. 0.2 mm² Wire cross-section stranded, min. 0.2 mm² Wire cross-section stranded, min. 0.2 mm² Wire cross-section stranded with wire-end ferrules, min. Wire cross-section stranded with wire-end ferrules, max.  Wire cross-section stranded with wire-end ferrules, max.  Wire cross-section stranded with wire-end ferrules, max.  Wire cross-section AWG, min. 22 Wire cross-section AWG, max. 12 Stripping length 9 mm Screw head Slotted Screw threading M 3 Tightening torque, min. 0.5 Nm	Rated cross-section	4 mm²
Contamination degree 3  Connection data  Connection principle Screw connection  Connection position Lateral  Number of terminals per level 2  Number of levels 2  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, min. 0.2 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 stranded with wire-end ferrules, max. 4 mm²  Wire cross-section stranded with wire-end ferrules, 12 mm²  Wire cross-section AWG, min. 22  Wire cross-section AWG, max. 12  Stripping length 9 mm  Screw head Slotted  Screw threading M 3  Tightening torque, min. 0.5 Nm	Rated impulse voltage	6 kV
Connection data  Connection principle Connection position Lateral  Number of terminals per level 2  Number of levels 2  Wire cross-section single-core (rigid) / stranded, min. Wire cross-section single core (rigid)/stranded, max. 4 mm²  Wire cross-section stranded, min. 0.2 mm²  Wire cross-section stranded, min. 0.2 mm²  Wire cross-section stranded with wire-end ferrules, min.  Wire cross-section stranded with wire-end ferrules, max.  Wire cross-section stranded with wire-end ferrules, max.  Wire cross-section AWG, min. 22  Wire cross-section AWG, max. 12  Stripping length 9 mm  Screw threading M 3  Tightening torque, min. 0.5 Nm	Overvoltage category	III
Connection principle Connection position Lateral Number of terminals per level 2 Number of levels 2 Wire cross-section single-core (rigid) / stranded, min. 0.2 mm² Wire cross-section stranded with wire-end ferrules, min. 0.2 mm² Wire cross-section stranded with wire-end ferrules, min. 22 Wire cross-section AWG, min. 22 Wire cross-section AWG, max. 12 Stripping length 9 mm Screw head Screw threading M 3 Tightening torque, min. 0.5 Nm	Contamination degree	3
Connection position  Number of terminals per level  Number of levels  Vire cross-section single-core (rigid) / stranded, min.  Vire cross-section single core (rigid)/stranded, max.  Vire cross-section stranded, min.  Vire cross-section stranded, min.  Vire cross-section stranded, max.  Vire cross-section stranded with wire-end ferrules, min.  Vire cross-section stranded with wire-end ferrules, max.  Vire cross-section stranded with wire-end ferrules, max.  Vire cross-section AWG, min.  Vire cross-section AWG, min.  22  Vire cross-section AWG, max.  12  Stripping length  Screw head  Slotted  Screw threading  M 3  Tightening torque, min.  Lateral  2  A teral  2  Tightening torque, min.	Connection data	
Number of terminals per level 2  Number of levels 2  Wire cross-section single-core (rigid) / stranded, min. 0.2 mm²  Wire cross-section stranded, min. 0.2 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. 4 mm²  Wire cross-section stranded with wire-end ferrules, max. 12  Wire cross-section AWG, min. 22  Wire cross-section AWG, max. 12  Stripping length 9 mm  Screw head Slotted  Screw threading M 3  Tightening torque, min. 0.5 Nm	Connection principle	Screw connection
Number of levels  Wire cross-section single-core (rigid) / stranded, min.  Wire cross-section stranded, min.  Wire cross-section stranded, min.  Wire cross-section stranded, max.  Wire cross-section stranded with wire-end ferrules, min.  Wire cross-section stranded with wire-end ferrules, min.  Wire cross-section stranded with wire-end ferrules, max.  Wire cross-section stranded with wire-end ferrules, max.  Wire cross-section AWG, min.  22  Wire cross-section AWG, max.  12  Stripping length  9 mm  Screw head  Slotted  Screw threading  M 3  Tightening torque, min.  0.2 mm²  4 mm²  22  Wire cross-section AWG, max.  12  Stripping length  9 mm  Screw threading  M 3  Tightening torque, min.	Connection position	Lateral
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. 4 mm² Wire cross-section stranded with wire-end ferrules, max. 4 mm² Wire cross-section AWG, min. 22 Wire cross-section AWG, max. 12 Stripping length 9 mm Screw head Slotted Screw threading M 3 Tightening torque, min. 0.5 Nm	Number of terminals per level	2
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. 4 mm² Wire cross-section stranded with wire-end ferrules, max. 4 mm² Wire cross-section AWG, min. 22 Wire cross-section AWG, max. 12 Stripping length 9 mm Screw head Slotted Screw threading M 3 Tightening torque, min. 0.5 Nm	Number of levels	2
Wire cross-section stranded, min.  Wire cross-section stranded, max.  Wire cross-section stranded with wire-end ferrules, min.  Wire cross-section stranded with wire-end ferrules, max.  Wire cross-section stranded with wire-end ferrules, max.  4 mm²  4 mm²  Wire cross-section AWG, min.  22  Wire cross-section AWG, max.  12  Stripping length  9 mm  Screw head  Slotted  Screw threading  M 3  Tightening torque, min.  0.2 mm²  4 mm²  4 mm²  4 mm²  4 mm²  0.5 Nm	Wire cross-section single-core (rigid) / stranded, min.	0.2 mm <sup>2</sup>
Wire cross-section stranded with wire-end ferrules, min.  Wire cross-section stranded with wire-end ferrules, max.  Wire cross-section stranded with wire-end ferrules, max.  Wire cross-section AWG, min.  22  Wire cross-section AWG, max.  12  Stripping length  9 mm  Screw head  Screw threading  M 3  Tightening torque, min.  4 mm²  22  4 mm²  4 mm²  5 lotted  5 lotted  6 lotted  7 lotted  8 lotted  9 lotted  9 lotted  10 lotted	Wire cross-section single core (rigid)/stranded, max.	4 mm²
Wire cross-section stranded with wire-end ferrules, min.  Wire cross-section stranded with wire-end ferrules, max.  Wire cross-section AWG, min.  22  Wire cross-section AWG, max.  12  Stripping length  9 mm  Screw head  Slotted  Screw threading  M 3  Tightening torque, min.  0.2 mm²  4 mm²  22  Mm²  25  Mm²  26  M 3  O.5 Nm	Wire cross-section stranded, min.	0.2 mm <sup>2</sup>
min.  Wire cross-section stranded with wire-end ferrules, max.  Wire cross-section AWG, min.  22  Wire cross-section AWG, max.  12  Stripping length  9 mm  Screw head  Slotted  Screw threading  M 3  Tightening torque, min.  0.2 mm²  4 mm²  4 mm²  5 mm²  5 lotted  M 3  0.5 Nm	Wire cross-section stranded, max.	4 mm²
Wire cross-section AWG, min.  22 Wire cross-section AWG, max.  Stripping length  9 mm  Screw head  Slotted  Screw threading  M 3  Tightening torque, min.  4 mm²  22  Mm²  22  Mire cross-section AWG, max.  12  Stripping length  9 mm  Slotted  Slotted  M 3	Wire cross-section stranded with wire-end ferrules, min.	0.2 mm <sup>2</sup>
Wire cross-section AWG, max.  Stripping length  9 mm  Screw head  Slotted  Screw threading  M 3  Tightening torque, min.  12	Wire cross-section stranded with wire-end ferrules, max.	4 mm²
Stripping length 9 mm  Screw head Slotted  Screw threading M 3  Tightening torque, min. 0.5 Nm	Wire cross-section AWG, min.	22
Screw head Slotted Screw threading M 3 Tightening torque, min. 0.5 Nm	Wire cross-section AWG, max.	12
Screw threading M 3 Tightening 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	2
End plate required	✓
Diode	1N4007 / 1000V / 1A
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



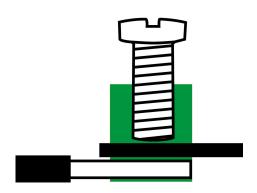
Approvals	
Standards and regulations	
EAC approval	TR ZU 004/2011
EAC approval granted	yes
CSA approval	
CSA approval	C22.2 No 158
CSA approval granted	yes
CSA Usegroup C: rated voltage	300 V
CSA Usegroup C: rated current	25 A
CSA wire cross-section AWG, min.	22
CSA wire cross-section AWG, max.	12
CSA stripping length	9 mm
CSA torque, max.	1 Nm
CSA torque, min.	0.5 Nm
KEMA KEUR approval	
KEMA KEUR approval	EN 60947-7-1:2009
KEMA KEUR approval granted	yes
KEMA rated voltage	500 V
KEMA rated current	32 A
KEMA rated impulse voltage	6 kV
KEMA wire cross-section single core (rigid), min.	0.2 mm²
KEMA wire cross-section single-core (rigid), max.	4 mm²
KEMA wire cross-section stranded, min.	0.2 mm²
KEMA wire cross-section stranded, max.	4 mm²



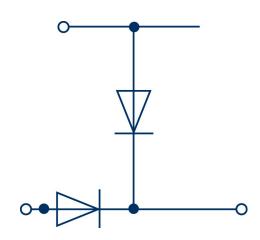
Approvals		
UL Recognized		
UL approval		UL 1059
UL Usegroup C: rated voltage		300 V
UL Usegroup C: rated current		30 A
UL wire cross-section single-core (rigid) AWG, min.		22
UL wire cross-section single-core (rigid) AWG, max.		10
UL wire cross-section stranded AWG, min.		22
UL wire cross-section stranded AWG, max.		10
UL torque		7 Lb In
UL wire material		Cu
UL factory wiring		1
UL field wiring		1
UL Recognized		1
German Lloyd approval		
DNV GL Location Classes	С	
DNV GL approval granted	1	
DNV GL rated cross-section	4 mm²	
DNV GL rated current	34 A	
DNV GL rated voltage	500 V	
DNV GL test standard	IEC 60947-7-1:2002	



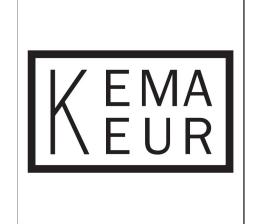
### Media

















## Data sheet

## 2320.2 RKD 4/D6 BG



#### **Accessories**

#### **End plate**



End plate, Width: 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
<u>2566.2</u>	TRS 3 BG	4044211053567	100 ST

#### **Cross-connector**



Cross-connector, No. of poles: 2, Mounting type: Can be screwed on, Width: 10.5 mm, Rated cross-section: 4 mm², Colour: natural

Article number	Article name	GTIN (EAN)	Packaging unit
2087.0	Q 2	4044211048952	50 ST



Cross-connector, No. of poles: 4, Mounting type: Can be screwed on, Width: 22.7 mm, Rated cross-section: 4 mm², Colour: natural

Article number	Article name	GTIN (EAN)	Packaging unit
2089.0	Q 4	4044211048976	20 ST

Cross-connector, No. of poles: 10, Mounting type: Can be screwed on, Width: 59.3 mm, Rated cross-section: 4 mm², Colour: natural



Article number	Article name	GTIN (EAN)	Packaging unit
2090.0	Q 10	4044211048983	10 ST

## Data sheet

### 2320.2 RKD 4/D6 BG



#### **Cross-connector**



Cross-connector, No. of poles: 3, Mounting type: Can be screwed on, Width: 16.6 mm, Rated cross-section: 4 mm², Colour: natural

Article number	Article name	GTIN (EAN)	Packaging unit
2088.0	Q 3	4044211048969	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**

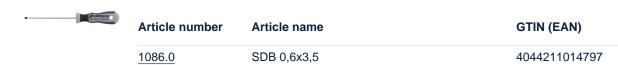


Test adapter, Length: 37.3 mm, Pitch size: 6 mm, Colour: Beige

Article number	Article name	GTIN (EAN)	Packaging unit
2822.0	TAD 6/1/S	4044211055486	10 ST

#### **Screwdriver**





### **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

**Packaging** 

unit

1 ST



### Socket plug



Socket plug, M 2.5, Colour: natural

Article number	Article name	GTIN (EAN)	Packaging unit
2075.0	STB 8,5/2,3	4044211048839	50 ST

### **Test plug**



Test plug, Colour: Red

Article number	Article name	GTIN (EAN)	Packaging unit
2007.0	PS 2,3	4044211048105	20 ST