

Double-level terminal, Screw connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 4 mm<sup>2</sup>, Width: 6 mm, Colour: Beige

Article number	<u>17048.2</u>
Article name	RKDG 4/SV BG
GTIN (EAN)	4044211155889
Packaging unit	100
Quantity unit	PC
Weight per piece (not including packaging)	15.2 g
Weight per piece (including packaging)	16.06 g
Unit of weight	G
Customs number	85369010
Prio-Article	17048.2
Product description	Double-level terminal



### **Technical data**

Length58.5 mmWidth6 mmHeight TS 357.560 mmRatings700 VRated voltage500 VRated voltage500 VRated cross-section4 mm²Rated cross-section4 mm²Rated impulse voltage6 kVOvervoltage categoryIIIContamination degree3Maximum power dissipation for nominal condition2.05 WConnection principleScrew connectionConnection positionLateralConnection position2Number of terminals per level2Number of levels2Levels internally bridged✓Wire cross-section single-core (rigid) / stranded, max.4 mm²Wire cross-section stranded, min.0.2 mm²Wire cross-section stranded with wire-end ferrules, min.4 mm²Wire cross-section AWG, main.12Stripping length9 mmScrew threadingMit 3Tightening torque, min.0.5 NmTightening torque, min.0.5 Nm	Dimensions	
Height TS 35/7.560 mmRatingsRated voltage500 VRated voltage500 VRated current32 ARated cross-section4 mm²Rated impulse voltage6 kVOvervoltage categoryIIIContamination degree3Maximum power dissipation for nominal condition2.05 WConnection dataConnectionConnection positionLateralConnection position4Number of terminals per level2Number of levels2Levels internally bridged√Wire 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.4 mm²Wire cross-section stranded with wire-end ferrules, mix.4 mm²Wire cross-section stranded with wire-end ferrules, mix.4 mm²Wire cross-section stranded with wire-end ferrules, mix.4 mm²Wire cross-section stranded with wire-end ferrules, max.4 mm²Wire cross-section stranded with wire-end ferrules, max.4 mm²Wire cross-section stranded with wire-end ferrules, max.4 mm²Stripping length9 mmScrew headSlottedScrew headSlottedStriptening torque, min.0.5 Nm	Length	58.5 mm
Ratings       Rated voltage     500 V       Rated current     32 A       Rated cross-section     4 mm²       Rated impulse voltage     6 kV       Overvoltage category     III       Contamination degree     3       Maximum power dissipation for nominal condition     2.05 W       Connection data     2       Connection principle     Screw connection       Connection principle     Screw connection       Connections     4       Number of terminals per level     2       Number of levels     2       Levels internally bridged     √       Wire cross-section single-core (rigid)/stranded, min.     0.2 mm²       Wire cross-section straded, min.     0.2 mm²       Wire cross-section 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, min.     4 mm²       Wire cross-section AWG, min.     22       Wire cross-section AWG, max.     12       Stripping length     9 mm       Screw head     Slotted       <	Width	6 mm
Rated voltage500 VRated current32 ARated cross-section4 mm²Rated impulse voltage6 kVOvervoltage categoryIIIContamination degree3Maximum power dissipation for nominal condition2.05 WConnection dataConnection principleConnection principleScrew connectionConnection positionLateralConnections4Number of terminals per level2Number of levels2Levels internally bridged√Wire 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.4 mm²Wire cross-section AWG, min.22Wire cross-section AWG, max.12Stripping length9 mmScrew headSlottedScrew headingM 3Tightening torque, min.0.5 Nm	Height TS 35/7.5	60 mm
Rated current32 ARated cross-section4 mm²Rated impulse voltage6 kVOvervoltage categoryIIIContamination degree3Maximum power dissipation for nominal condition2.05 WConnection dataConnection principleConnection principleScrew connectionConnection positionLateralConnections4Number of terminals per level2Number of levels2Levels internally bridged✓Wire 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.4 mm²Wire cross-section stranded with wire-end ferrules, max.12Stripping length9 mmScrew headSlottedScrew headSlottedStripting length9 mmScrew headSlotted	Ratings	
Rated cross-section4 mm²Rated impulse voltage6 kVOvervoltage categoryIIIContamination degree3Maximum power dissipation for nominal condition2.05 WConnection dataConnection principleConnection principleScrew connectionConnection positionLateralConnections4Number of terminals per level2Number of levels2Levels internally bridged√Wire 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.4 mm²Wire cross-section stranded with wire-end ferrules, max.12Stripping length9 mmScrew headSlottedStortedSlottedStripting lengthM 3Tightening torque, min.0.5 Nm	Rated voltage	500 V
Rated impulse voltage6 kVOvervoltage categoryIIIContamination degree3Maximum power dissipation for nominal condition2.05 WConnection data2Connection principleScrew connectionConnection positionLateralConnection position2Connection position2Connection position2Connection position2Connection position2Connection position2Connection position2Connection position2Connection position2Levels internally bridged✓Vire 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 with wire-end ferrules, max.0.2 mm²Wire cross-section stranded with wire-end ferrules, max.4 mm²Wire cross-section stranded with wire-end ferrules, max.2Wire cross-section stranded with wire-end ferrules, max.12Wire cross-section AWG, min.22Wire cross-section AWG, max.12Stripping length9 mmScrew headSlottedScrew headSlottedScrew threadingM 3Tightening torque, min.0.5 Nm	Rated current	32 A
Overvoltage categoryIIIContamination degree3Maximum power dissipation for nominal condition2.05 WConnection data2Connection principleScrew connectionConnection positionLateralConnections4Number of terminals per level2Levels internally bridged✓Wire 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, min.0.2 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded, max.12Wire cross-section stranded with wire-end ferrules, max.12Stripping length9 mmScrew headSlottedScrew headSlottedScrew threadingM 3Tightening torque, min.0.5 Nm	Rated cross-section	4 mm <sup>2</sup>
Contamination degree3Maximum power dissipation for nominal condition2.05 WConnection dataScrew connectionConnection principleScrew connectionConnection positionLateralConnections4Number of terminals per level2Number of levels2Levels internally bridged $\checkmark$ 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, 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.4 mm²Stripping length9 mmScrew headSlottedScrew headSlottedScrew headingM 3Tightening torque, min.0.5 Nm	Rated impulse voltage	6 kV
Maximum power dissipation for nominal condition2.05 WConnection dataConnectionConnection principleScrew connectionConnection positionLateralConnections4Number of terminals per level2Number of levels2Levels internally bridged✓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 AWG, min.22Wire cross-section AWG, min.22Wire cross-section AWG, min.22Wire 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 levels2Levels internally bridged✓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.12Wire 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 levels2Levels internally bridged✓Wire 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 with wire-end ferrules, min.0.2 mm²Wire cross-section stranded with wire-end ferrules, max.4 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	2.05 W
Connection positionLateralConnections4Number of terminals per level2Number of terminals per level2Levels internally bridged✓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, max.4 mm²Wire cross-section stranded with wire-end ferrules, min.0.2 mm²Wire cross-section stranded with wire-end ferrules, max.12Wire cross-section AWG, max.12Stripping length9 mmScrew headSlottedScrew threadingM 3Tightening torque, min.0.5 Nm	Connection data	
Connections4Number of terminals per level2Number of terminals per level2Number of levels2Levels internally bridged✓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, max.4 mm²Wire cross-section stranded with wire-end ferrules, min.0.2 mm²Wire cross-section stranded with wire-end ferrules, max.4 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 terminals per levels2Levels internally bridged✓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, 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 AWG, min.22Wire cross-section AWG, max.12Stripping length9 mmScrew headSlottedScrew threadingM 3Tightening torque, min.0.5 Nm	Connection position	Lateral
Number of levels2Levels internally bridged✓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.4 mm²Wire cross-section AWG, min.22Wire cross-section AWG, max.12Stripping length9 mmScrew headSlottedScrew threadingM 3Tightening torque, min.0.5 Nm	Connections	4
Levels internally bridged✓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.4 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, 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.4 mm²Wire cross-section stranded with wire-end ferrules, max.22Wire cross-section AWG, min.22Wire cross-section AWG, max.12Stripping length9 mmScrew headSlottedScrew threadingM 3Tightening torque, min.0.5 Nm	Number of levels	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.4 mm²Wire cross-section stranded with wire-end ferrules, max.4 mm²Wire cross-section stranded with wire-end ferrules, max.4 mm²Wire cross-section AWG, min.22Wire cross-section AWG, max.12Stripping length9 mmScrew headSlottedScrew threadingM 3Tightening torque, min.0.5 Nm	Levels internally bridged	$\checkmark$
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.4 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 <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.4 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 <sup>2</sup>
Wire cross-section stranded with wire-end ferrules, min.0.2 mm²Wire cross-section stranded with wire-end ferrules, max.4 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 <sup>2</sup>
min.0.2 mm²Wire cross-section stranded with wire-end ferrules, max.4 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 <sup>2</sup>
max.4 mm²Wire cross-section AWG, min.22Wire cross-section AWG, max.12Stripping length9 mmScrew headSlottedScrew threadingM 3Tightening torque, min.0.5 Nm		0.2 mm <sup>2</sup>
Wire cross-section AWG, max.12Stripping length9 mmScrew headSlottedScrew threadingM 3Tightening torque, min.0.5 Nm		4 mm <sup>2</sup>
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	
Gauge plug acc. to EN 60 947-1	A4	
Number of cross-connection channels	1	
End plate required	$\checkmark$	
Environmental Product Compliance		
REACH Candidate Substance Note	No	

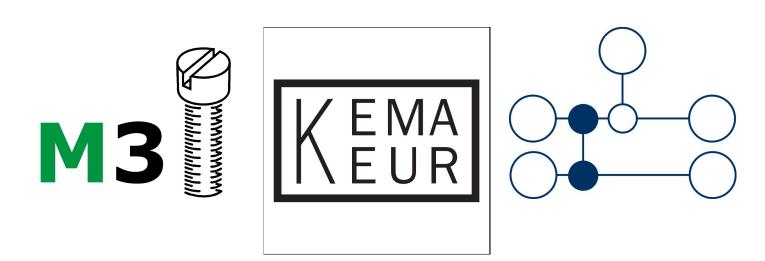


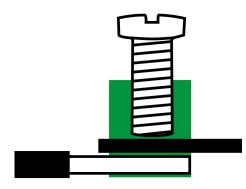
## Approvals

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	32 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>



### Media







### Accessories

### End plate

	End plate, Width: 1.5 mm, Colour: Beige			
$\odot$	Article number	Article name	GTIN (EAN)	Packaging unit
	2586.2	APG 4 BG	4044211049089	20

#### **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
	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

### **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

### Screwdriver

	Screwdriver wit	h bare blade, Colour: Black-grey		
- Contract,	Article number	Article name	GTIN (EAN)	Packaging unit
	1086.0	SDB 0,6x3,5	4044211014797	1 ST