

Ex double-level terminal ATEX-certified, Screw connection, Mounting type: Mounting rail TS 35/7.5 and TS 32, Rated cross-section: 4 mm<sup>2</sup>, Width: 6 mm, Colour: Beige

### Business data

Article number	1496.2
Article name	RKDG 4 Ex BG
GTIN (EAN)	4044211107925
Explosion-proof version (EEx e)	yes
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
Country of origin	DE
Prio-Article	1496.2
Product description	Ex double-level terminal ATEX-certified

### Technical data

#### Dimensions

Length	58.5 mm
Width	6 mm
Height TS 35/7.5	60 mm

#### Ratings

Rated voltage	500 V
Rated current	32 A
Rated cross-section	4 mm <sup>2</sup>
Rated impulse voltage	6 kV
Overvoltage category	III
Contamination degree	3
Maximum power dissipation for nominal condition	2.05 W

#### Connection data

Connection principle	Screw connection
Connection position	Lateral
Connections	2 x 2
Number of terminals per level	2
Number of levels	2
Wire cross-section single-core (rigid) / stranded, min.	0.2 mm <sup>2</sup>
Wire cross-section single core (rigid)/stranded, max.	4 mm <sup>2</sup>
Wire cross-section stranded, min.	0.2 mm <sup>2</sup>
Wire cross-section stranded, max.	4 mm <sup>2</sup>
Wire cross-section stranded with wire-end ferrules, min.	0.2 mm <sup>2</sup>
Wire cross-section stranded with wire-end ferrules, max.	4 mm <sup>2</sup>
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
Tightening torque, max.	1 Nm

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### Technical data

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#### 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	✓

#### Environmental Product Compliance

REACH Conform	yes
REACH Candidate Substance Note	No
RoHS Conform	yes

### Approvals

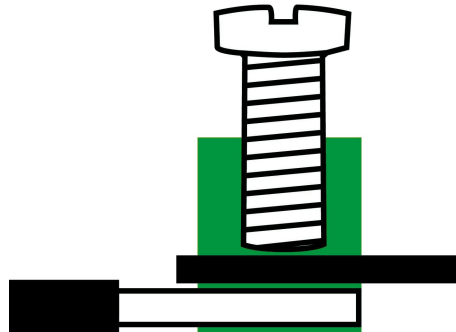
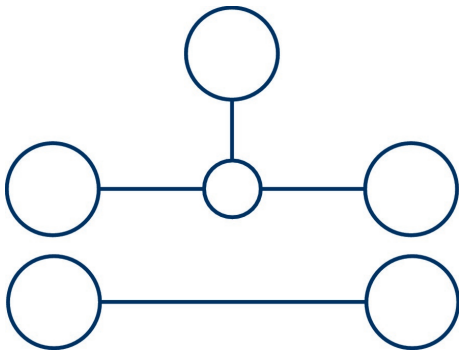
#### Standards and regulations

ATEX certification number	TÜV ATEX 7092 U
EAC approval	TR ZU 004/2011
EAC approval granted	yes

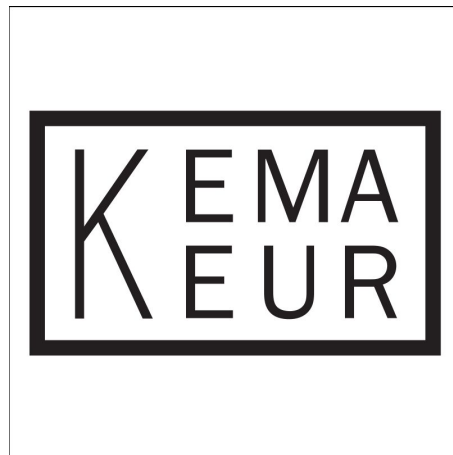
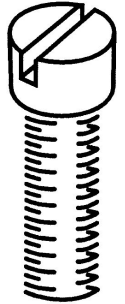
#### KEMA KEUR approval

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

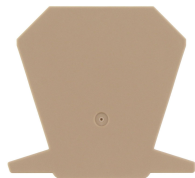


**M3**



### Accessories

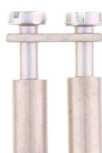
#### End plate



End plate, Width: 1.5 mm, Colour: Beige

Article number	Article name	GTIN (EAN)	Packaging unit
<u>2586.2</u>	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 mm<sup>2</sup>, Colour: natural

Article number	Article name	GTIN (EAN)	Packaging unit
<u>2087.0</u>	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 mm<sup>2</sup>, Colour: natural

Article number	Article name	GTIN (EAN)	Packaging unit
<u>2089.0</u>	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 mm<sup>2</sup>, Colour: natural

Article number	Article name	GTIN (EAN)	Packaging unit
<u>2090.0</u>	Q 10	4044211048983	10 ST



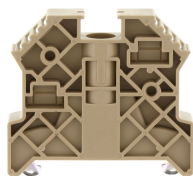
Cross-connector, No. of poles: 3, Mounting type: Can be screwed on, Width: 16.6 mm, Rated cross-section: 4 mm<sup>2</sup>, Colour: natural

Article number	Article name	GTIN (EAN)	Packaging unit
<u>2088.0</u>	Q 3	4044211048969	50 ST

#### End stop

# Data sheet

## 1496.2 RKDG 4 Ex BG



End stop, Mounting type: Mounting rail TS 35/7.5, Width: 9.5 mm, Colour: Beige

Article number	Article name	GTIN (EAN)	Packaging unit
<u>2828.0</u>	ES 35/K/ST BG	4044211055547	50

### Screwdriver

Screwdriver with bare blade, Colour: Black-grey



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

### Quick marking



Terminal marker / Pocket Maxicard, Length: 5 mm, Width: 6 mm, Colour: White

Article number	Article name	GTIN (EAN)	Packaging unit
<u>4702.7</u>	PMC SB 6/50 WH	4044211089986	500 ST