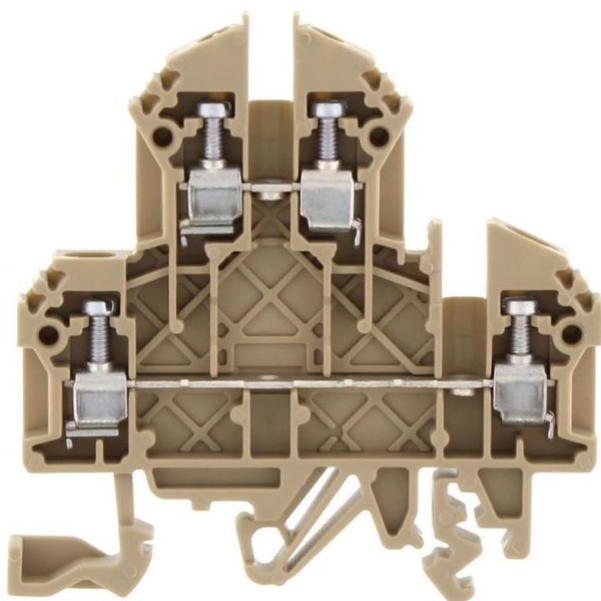


1428.2

RKD 2,5 Ex BG

RKD 2,5 Ex BG



Ex double-level terminal ATEX-certified, Screw connection, Mounting type: Mounting rail TS 35/7.5 and TS 32, Rated cross-section: 2.5 mm², Width: 5 mm, Colour: Beige

Business data

Product description	Ex double-level terminal ATEX-certified
Explosion-proof version (EEx e)	✓
Packaging unit	100
Quantity unit	PC
Weight per piece (not including packaging)	10.2
Weight per piece (including packaging)	11
Unit of weight	G
Customs number	85369010
Country of origin	DE

1428.2

RKD 2,5 Ex BG

RKD 2,5 Ex BG

Technical Data

Dimensions

Length	60.2 mm
--------	---------

Width	5 mm
-------	------

Height TS 35/7.5	61 mm
------------------	-------

Height TS 32	65.5 mm
--------------	---------

Ratings

Rated voltage	400 V
---------------	-------

Rated current	26 A
---------------	------

Rated cross-section	2.5 mm ²
---------------------	---------------------

Rated impulse voltage	6 kV
-----------------------	------

Overvoltage category	III
----------------------	-----

Contamination degree	3
----------------------	---

1428.2

RKD 2,5 Ex BG

RKD 2,5 Ex BG

Technical Data

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 ²
Wire cross-section single core (rigid)/stranded, max.	4 mm ²
Wire cross-section stranded, min.	0.2 mm ²
Wire cross-section stranded, max.	4 mm ²
Wire cross-section stranded with wire-end ferrules, min.	0.2 mm ²
Wire cross-section stranded with wire-end ferrules, max.	2.5 mm ²
Wire cross-section AWG, min.	22
Wire cross-section AWG, max.	14
Stripping length	7 mm
Screw head	Slotted
Screw threading	M 2,5
Tightening torque, min.	0.4 Nm
Tightening torque, max.	0.8 Nm

1428.2

RKD 2,5 Ex BG

RKD 2,5 Ex BG

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	✓
Number of test pick-off options	1

1428.2

RKD 2,5 Ex BG

RKD 2,5 Ex BG

Approvals

Standards and regulations

Partial certification number	NEMKO ATEX 1136 U
------------------------------	-------------------

EAC approval	TR ZU 004/2011
--------------	----------------

EAC approval granted	✓
----------------------	---

KEMA KEUR approval

KEMA KEUR approval	EN 60947-7-1
--------------------	--------------

KEMA KEUR approval granted	✓
----------------------------	---

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 ²
---	---------------------

KEMA wire cross-section single-core (rigid), max.	4 mm ²
---	-------------------

KEMA wire cross-section stranded, min.	0.2 mm ²
--	---------------------

KEMA wire cross-section stranded, max.	4 mm ²
--	-------------------

1428.2

RKD 2,5 Ex BG

RKD 2,5 Ex BG

Approvals

UL Recognized

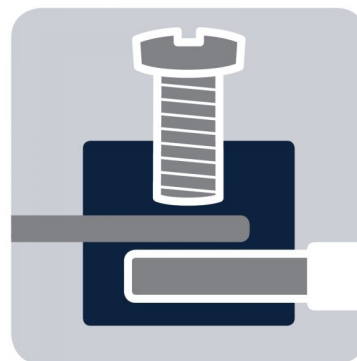
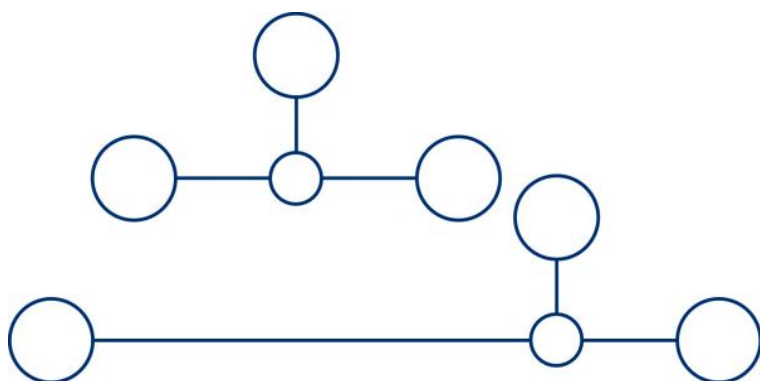
UL Recognized	UL 1059
UL Recognized granted	✓
UL Usegroup C: rated voltage	300 V
UL Usegroup C: rated current	20 A
UL wire cross-section single-core (rigid) AWG, min.	22
UL wire cross-section single-core (rigid) AWG, max.	12
UL wire cross-section stranded AWG, min.	22
UL wire cross-section stranded AWG, max.	12
UL torque	5.3 Lb In
UL wire material	Cu
UL factory wiring	✓
UL field wiring	✓

1428.2

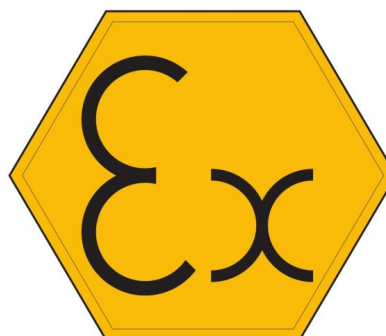
RKD 2,5 Ex BG

RKD 2,5 Ex BG

Media



M2.5



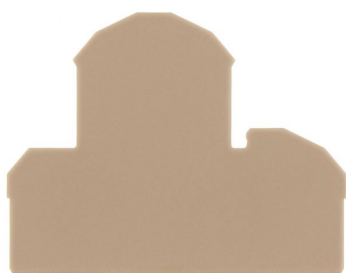
1428.2

RKD 2,5 Ex BG

RKD 2,5 Ex BG

Accessories

End plate



End plate, Width: 1.5 mm, Colour: Beige

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2101.2	AP 4	4044211151652	20 PC

Insulation plate



Insulation plate, Colour: Beige

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2566.2	TRS 3	4044211053567	100 PC

1428.2

RKD 2,5 Ex BG

RKD 2,5 Ex BG

Accessories

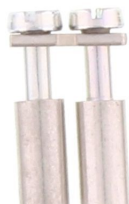
Cross connector



Cross-connector, No. of poles: 10, Mounting type: Can be screwed on, Width: 49.9 mm, Rated cross-section: 2.5 mm², Colour: natural

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2570.0	Q 10	4044211053604	10 PC



Cross-connector, No. of poles: 2, Mounting type: Can be screwed on, Width: 9.1 mm, Rated cross-section: 2.5 mm², Colour: natural

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2567.0	Q 2	4044211053574	50 PC

1428.2

RKD 2,5 Ex BG

RKD 2,5 Ex BG

Accessories

Cross connector



Cross-connector, No. of poles: 3, Mounting type: Can be screwed on, Width: 14.2 mm, Rated cross-section: 2.5 mm², Colour: natural

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2568.0	Q 3	4044211053581	50 PC



Cross-connector, No. of poles: 4, Mounting type: Can be screwed on, Width: 19.3 mm, Rated cross-section: 2.5 mm², Colour: natural

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2569.0	Q 4	4044211053598	20 PC

1428.2

RKD 2,5 Ex BG

RKD 2,5 Ex BG

Accessories

End bracket



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

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2828.0	ES 35/K/ST	4044211055547	50 PC

Test adapter



Test adapter, Length: 37.3 mm, Pitch size: 5 mm,
Colour: Beige

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2821.0	TAD 5/1/S	4044211055479	10 PC

1428.2

RKD 2,5 Ex BG

RKD 2,5 Ex BG

Accessories

Screw driver

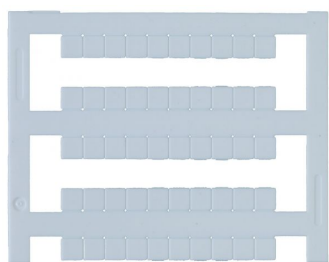


Screwdriver with bare blade, Colour: Black-grey

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
1085.0	SDB 0,5x3,0	4044211014643	1 PC

Quick-marking



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

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
4600.7	PMC SB 5/50 WH	4044211088903	500 PC
