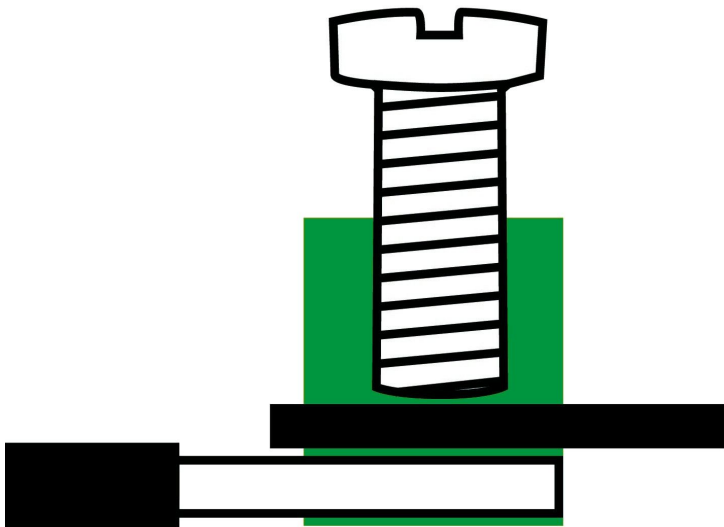


Data sheet

1166.2 RK 2,5/SAS BG



Feed-through terminal, Screw connection, Mounting type:Mounting rail TS 35/7.5 and TS 32, Rated cross-section: 25 mm², Width: 5 mm, Colour: Beige

Business data

Article number	1166.2
Article name	RK 2,5/SAS BG
GTIN (EAN)	4044211128616
Packaging unit	100
Quantity unit	PC
Weight per piece (not including packaging)	6.6 g
Weight per piece (including packaging)	7.1 g
Unit of weight	G
Customs number	85369010
Country of origin	DE
Prio-Article	1166.2
Product description	Feed-through terminal

Technical data

Dimensions

Length	48 mm
Width	5 mm
Height TS 35/7.5	47 mm
Height TS 32	51.5 mm

Ratings

Rated voltage	400 V
Rated current	24 A
Rated cross-section	25 mm ²
Rated impulse voltage	8 kV
Overvoltage category	III
Contamination degree	3
Maximum power dissipation for nominal condition	0.77 W

Connection data

Connection principle	Screw connection
Connection position	Lateral
Connections	2
Special connection	Spade flat plug Faston 2.8 mm
Number of terminals per level	2
Number of levels	1
Wire cross-section single-core (rigid) / stranded, min.	2 mm ²
Wire cross-section single core (rigid)/stranded, max.	4 mm ²
Wire cross-section stranded, min.	2.5 mm ²
Wire cross-section stranded, max.	35 mm ²
Wire cross-section stranded with wire-end ferrules, min.	2 mm ²
Wire cross-section stranded with wire-end ferrules, max.	25 mm ²
Wire cross-section AWG, min.	22
Wire cross-section AWG, max.	12
Stripping length	7 mm
Screw head	Slotted
Screw threading	M 2,5
Tightening torque, min.	4 Nm
Tightening torque, max.	8 Nm

Data sheet

1166.2 RK 2,5/SAS 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	1
End plate required	✓
Number of test pick-off options	1

Environmental Product Compliance

REACH Candidate Substance Note	No
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Data sheet

1166.2 RK 2,5/SAS BG

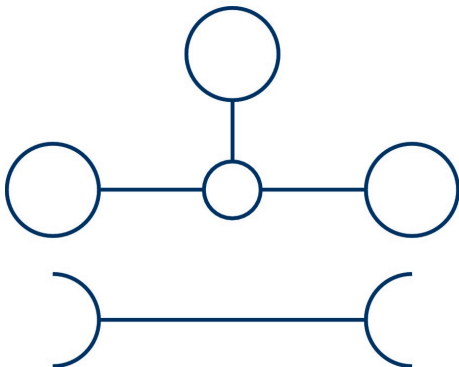


Approvals

Standards and regulations

EAC approval	TR ZU 004/2011
EAC approval granted	yes

Media



M2.5



EAL

Accessories

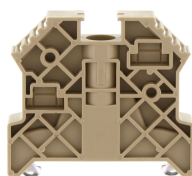
End plate



End plate, Width: 1.5 mm, Colour: Beige

Article number	Article name	GTIN (EAN)	Packaging unit
<u>2001.2</u>	AP 2,5-10 BG	4044211047979	50

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
<u>2828.0</u>	ES 35/K/ST BG	4044211055547	50

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
<u>2569.0</u>	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
<u>2570.0</u>	Q 10	4044211053604	10 ST



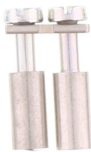
Cross-connector, No. of poles: 3, Mounting type: Can be screwed on, Width: 14.2 mm, Rated cross-section: 2.5 mm², Colour: natural

Article number	Article name	GTIN (EAN)	Packaging unit
<u>2568.0</u>	Q 3	4044211053581	50 ST

Data sheet

1166.2 RK 2,5/SAS BG

Cross-connector



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

Article number	Article name	GTIN (EAN)	Packaging unit
<u>2567.0</u>	Q 2	4044211053574	50 ST

Insulation plate



Insulation plate, Colour: Beige

Article number	Article name	GTIN (EAN)	Packaging unit
<u>2566.2</u>	TRS 3 BG	4044211053567	100 ST

Screwdriver



Screwdriver with bare blade, Colour: Black-grey

Article number	Article name	GTIN (EAN)	Packaging unit
<u>1085.0</u>	SDB 0,5x3,0	4044211014643	1 ST

##INVERSE##CONTA-CONNECT



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

Article number	Article name	GTIN (EAN)	Packaging unit
<u>2812.0</u>	TA 5/1/ST	4044211055394	10 ST