



Feed-through terminal, Screw connection, Mounting type:Mounting rail TS 35/7.5 and TS 32, Rated cross-section: 4 mm², Width: 6 mm, Colour: White

RAL: 9010

Business data

Article number	<u>1001.7</u>
Article name	RK 2,5-4 WH
GTIN (EAN)	4044211000387
Packaging unit	100
Quantity unit	PC
Weight per piece (not including packaging)	9.8 g
Weight per piece (including packaging)	10.42 g
Unit of weight	G
Customs number	85369010
Country of origin	CZ
Prio-Article	1001.2
Product description	Feed-through terminal



Technical data

Width6 mmHeight TS 35/7.547 mmHeight TS 3251.5 mmRatings800 VRated voltage800 VRated current32 ARated ross-section4 mm²Rated ross-section3Maximup power dissipation for nominal condition1.02 WConnection principleScrew connectionConnection principleScrew connectionConnection principle2Number of terminals per level2Number of levels1Wire cross-section single-core (rigid) / stranded, min.0.2 mm²Wire cross-section stranded with wire-end ferrules, max.6 mm²Wire cross-section stranded with wire-end ferrules, max.4 mm²Wire cross-section stranded with wire-end ferrules, max.4 mm²Streyping length12 mmStreyping length12 mm <trt< th=""><th>Dimensions</th><th></th></trt<>	Dimensions	
Height TS 35/7.547 mmHeight TS 3251.5 mmRatings800 VRated voltage800 VRated current32 ARated cross-section4 mm²Rated impulse voltage8 kVOvervoltage categoryIIIContamination degree3Maximup power dissipation for nominal condition1.02 WConnection principleScrew connectionConnection positionLateralConnection position2Number of terminals per level2Number of terminals per level1Wire cross-section single-core (rigid) / stranded, min.0.2 mm²Wire cross-section stranded with wire-end ferrules, min.6 mm²Wire cross-section stranded with wire-end ferrules, max.4 mm²Wire cross-section AWG, min.22Wire cross-section AWG, min.21 mm²Wire cross-section stranded with wire-end ferrules, max.4 mm²Stripping length12 mmStripping length12 mmScrew headSlottedStripping length0.5 Nm	Length	48 mm
Height TS 32 51.5 mm Ratings 800 V Rated voltage 800 V Rated current 32 A Rated impulse voltage 8 kV Overvoltage category III Contamination degree 3 Maximum power dissipation for nominal condition 1.02 W Connection data Connection for Connection principle Screw connection Connection position Lateral Connections 2 Number of terminals per level 1 Wire cross-section single-core (rigid) / stranded, min. 0.2 mm² Wire cross-section single core (rigid)/stranded, max. 6 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 AWG, min. 22 Wire cross-section AWG, min. 22 Wire cross-section AWG, max. 11	Width	6 mm
RatingsRatingsRated voltage800 VRated current32 ARated current32 ARated cross-section4 mm²Rated impulse voltage8 kVOvervoltage categoryIIIContamination degree3Maximum power dissipation for nominal condition1.02 WConnection dataConnection forConnection principleScrew connectionConnection positionLateralConnection position2Number of terminals per level1Wire 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, min.4 mm²Wire cross-section AWG, min.22Wire cross-section AWG, min.22Wire cross-section AWG, min.22Wire cross-section AWG, min.11Stripping length12 mmScrew headSlottedScrew headSlottedScrew threadingM 3Tightening torque, min.0.5 Nm	Height TS 35/7.5	47 mm
Rated voltage800 VRated current32 ARated cross-section4 mm²Rated impulse voltage8 kVOvervoltage categoryIIIContamination degree3Maximum power dissipation for nominal condition1.02 WConnection dataConnection dataConnection principleScrew connectionConnection positionLateralConnections2Number of terminals per level1Wire 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.6 mm²Wire cross-section stranded with wire-end ferrules, min.1Wire cross-section stranded with wire-end ferrules, min.1Wire cross-section AWG, man.11Stripping length12 mmStripping length12 mmStripping length12 mmStripping length5/ottedStrew head5/ottedStrew head5/ottedStrew threadingM 3Tightening torque, min.0.5 Nm	Height TS 32	51.5 mm
Rated current32 ARated cross-section4 mm²Rated impulse voltage8 kVOvervoltage categoryIIIContamination degree3Maximum power dissipation for nominal condition1.02 WConnection dataConnection dataConnection principleScrew connectionConnection positionLateralConnections2Number of terminals per level2Number of levels1Wire 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 AWG, min.22Wire cross-section AWG, min.22Wire cross-section AWG, min.11Stripping length12 mmScrew headSlottedScrew headSlottedScrew headSlottedScrew heradingM 3Tightening torque, min.0.5 Nm	Ratings	
Rated cross-section4 mm²Rated impulse voltage8 kVOvervoltage categoryIIIContamination degree3Maximum power dissipation for nominal condition1.02 WConnection dataEConnection principleScrew connectionConnection positionLateralConnection sposition2Number of terminals per level2Number of terminals per level1Wire cross-section single-core (rigid) / stranded, min.0.2 mm²Wire cross-section stranded, min.1.02 mm²Wire cross-section stranded with wire-end ferrules, max.4 mm²Wire cross-section stranded with wire-end ferrules, max.11Stripping length12 mmStripping lengthStotedScrew headStotedScrew headingM 3Tightening torque, min.0.5 Nm	Rated voltage	800 V
Rated impulse voltage8 kVOvervoltage categoryIIIContamination degree3Maximum power dissipation for nominal condition1.02 WConnection data1.02 WConnection principleScrew connectionConnection positionLateralConnections2Number of terminals per level2Number of levels1Wire cross-section single-core (rigid) / stranded, min.0.2 mm²Wire cross-section stranded, max.6 mm²Wire cross-section stranded, max.1Stripping length22Wire cross-section AWG, min.22Wire cross-section AWG, max.11Stripping length12 mmScrew headSlottedScrew headingM 3Tightening torque, min.0.5 Nm	Rated current	32 A
NumberIIIContamination degree3Maximum power dissipation for nominal condition1.02 WConnection dataConnectionConnection principleScrew connectionConnection positionLateralConnections2Number of terminals per level2Number of terminals per level1Wire cross-section single-core (rigid) / stranded, min.0.2 mm²Wire cross-section single core (rigid)/stranded, max.6 mm²Wire cross-section stranded, max.6 mm²Wire cross-section stranded, max.6 mm²Wire cross-section stranded with wire-end ferrules, min.0.2 mm²Wire cross-section stranded with wire-end ferrules, min.11Stripping length12 mmScrew headSlottedScrew headingM 3Tightening torque, min.0.5 Nm	Rated cross-section	4 mm ²
Contamination degree3Maximum power dissipation for nominal condition1.02 WConnection dataEConnection principleScrew connectionConnection positionLateralConnections2Number of terminals per level2Number of levels1Wire cross-section single-core (rigid) / stranded, min.0.2 mm²Wire cross-section single core (rigid)/stranded, max.6 mm²Wire cross-section stranded, min.0.2 mm²Wire cross-section stranded, max.6 mm²Wire cross-section stranded with wire-end ferrules, min.0.2 mm²Wire cross-section stranded with wire-end ferrules, min.11Stripping length12 mmStripping length12 mmScrew headSlottedScrew threadingM 3Tightening torque, min.0.5 Nm	Rated impulse voltage	8 kV
Maximum power dissipation for nominal condition1.02 WConnection dataI.02 WConnection principleScrew connectionConnection positionLateralConnections2Number of terminals per level2Number of levels1Wire cross-section single-core (rigid) / 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.11Stripping length12 mmScrew headSlottedScrew threadingM 3Tightening torque, min.0.5 Nm	Overvoltage category	III
Connection dataConnection principleScrew connectionConnection positionLateralConnections2Number of terminals per level2Number of levels1Wire cross-section single-core (rigid) / stranded, min.0.2 mm²Wire cross-section single core (rigid)/stranded, max.6 mm²Wire cross-section stranded, min.0.2 mm²Wire cross-section stranded, max.6 mm²Wire cross-section stranded with wire-end ferrules, min.0.2 mm²Wire cross-section stranded with wire-end ferrules, max.11Stripping length12 mmStripping length12 mmScrew headSlottedScrew threadingM 3Tightening torque, min.0.5 Nm	Contamination degree	3
Connection principleScrew connectionConnection positionLateralConnections2Number of terminals per level2Number of levels1Wire cross-section single-core (rigid) / stranded, min.0.2 mm²Wire cross-section single core (rigid)/stranded, max.6 mm²Wire cross-section stranded, min.0.2 mm²Wire cross-section stranded, max.6 mm²Wire cross-section stranded, max.6 mm²Wire cross-section stranded with wire-end ferrules, min.0.2 mm²Wire cross-section stranded with wire-end ferrules, max.11Wire cross-section AWG, min.22Wire cross-section AWG, max.11Stripping length12 mmScrew headSlottedScrew threadingM 3Tightening torque, min.0.5 Nm	Maximum power dissipation for nominal condition	1.02 W
Connection positionLateralConnections2Number of terminals per level2Number of levels1Wire cross-section single-core (rigid) / stranded, min.0.2 mm²Wire cross-section single core (rigid)/stranded, max.6 mm²Wire cross-section stranded, min.0.2 mm²Wire cross-section stranded, max.6 mm²Wire cross-section stranded, max.6 mm²Wire cross-section stranded with wire-end ferrules, min.0.2 mm²Wire cross-section stranded with wire-end ferrules, max.2Wire cross-section AWG, min.22Wire cross-section AWG, max.11Stripping length12 mmScrew headSlottedScrew threadingM 3Tightening torque, min.0.5 Nm	Connection data	
Connections2Number of terminals per level2Number of terminals per level1Wire cross-section single-core (rigid) / stranded, min.0.2 mm²Wire cross-section single core (rigid)/stranded, max.6 mm²Wire cross-section stranded, min.0.2 mm²Wire cross-section stranded, max.6 mm²Wire cross-section stranded, max.6 mm²Wire cross-section stranded with wire-end ferrules, max.0.2 mm²Wire cross-section stranded with wire-end ferrules, max.1Wire cross-section AWG, min.22Wire cross-section AWG, max.11Stripping length12 mmScrew headSlottedScrew threadingM 3Tightening torque, min.0.5 Nm	Connection principle	Screw connection
Number of terminals per level2Number of levels1Wire cross-section single-core (rigid) / stranded, min.0.2 mm²Wire cross-section single core (rigid)/stranded, max.6 mm²Wire cross-section stranded, min.0.2 mm²Wire cross-section stranded, max.6 mm²Wire cross-section stranded, max.6 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.11Stripping length12 mmScrew headSlottedScrew threadingM 3Tightening torque, min.0.5 Nm	Connection position	Lateral
Number of levels1Wire cross-section single-core (rigid) / stranded, min.0.2 mm²Wire cross-section single core (rigid)/stranded, max.6 mm²Wire cross-section stranded, min.0.2 mm²Wire cross-section stranded, max.6 mm²Wire cross-section stranded, max.6 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.1Wire cross-section AWG, min.22Wire cross-section AWG, max.11Stripping length12 mmScrew headSlottedScrew threadingM 3Tightening torque, min.0.5 Nm	Connections	2
Wire cross-section single-core (rigid) / stranded, min.0.2 mm²Wire cross-section single core (rigid)/stranded, max.6 mm²Wire cross-section stranded, min.0.2 mm²Wire cross-section stranded, max.6 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.11Stripping length12 mmStripping lengthSlottedScrew headSlottedStripping torque, min.0.5 Nm	Number of terminals per level	2
Wire cross-section single core (rigid)/stranded, max.6 mm²Wire cross-section stranded, min.0.2 mm²Wire cross-section stranded, max.6 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.11Wire cross-section AWG, min.22Wire cross-section AWG, max.11Stripping length12 mmScrew headSlottedScrew threadingM 3Tightening torque, min.0.5 Nm	Number of levels	1
Wire cross-section stranded, min.0.2 mm²Wire cross-section stranded, max.6 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.11Stripping length12 mmScrew headSlottedScrew threadingM 3Tightening torque, min.0.5 Nm	Wire cross-section single-core (rigid) / stranded, min.	0.2 mm ²
Wire cross-section stranded, max.6 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.11Stripping length12 mmScrew headSlottedScrew threadingM 3Tightening torque, min.0.5 Nm	Wire cross-section single core (rigid)/stranded, max.	6 mm ²
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.11Stripping length12 mmScrew headSlottedScrew threadingM 3Tightening torque, min.0.5 Nm	Wire cross-section stranded, min.	0.2 mm ²
min.0.2 mm²Wire cross-section stranded with wire-end ferrules, max.4 mm²Wire cross-section AWG, min.22Wire cross-section AWG, max.11Stripping length12 mmScrew headSlottedScrew threadingM 3Tightening torque, min.0.5 Nm	Wire cross-section stranded, max.	6 mm ²
max.4 mm²Wire cross-section AWG, min.22Wire cross-section AWG, max.11Stripping length12 mmScrew headSlottedScrew threadingM 3Tightening torque, min.0.5 Nm	Wire cross-section stranded with wire-end ferrules, min.	0.2 mm ²
Wire cross-section AWG, max.11Stripping length12 mmScrew headSlottedScrew threadingM 3Tightening torque, min.0.5 Nm	Wire cross-section stranded with wire-end ferrules, max.	4 mm ²
Stripping length12 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.	11
Screw threadingM 3Tightening torque, min.0.5 Nm	Stripping length	12 mm
Tightening torque, min. 0.5 Nm	Screw head	Slotted
	Screw threading	M 3
Tightoning torque may 1 Nm	Tightening torque, min.	0.5 Nm
Tightening torque, max. I Nm	Tightening torque, max.	1 Nm



Technical data

Polyamide 6.6
V-2
-40 °C
105 °C
Mounting rail TS 35/7.5 and TS 32
A4
1
\checkmark
1
No



Approvals

EAC approval T	FR ZU 004/2011
EAC approval granted y	/es
CSA approval	
CSA approval C	C22.2 No 158
CSA approval granted y	/es
CSA Usegroup C: rated voltage 6	600 V
CSA Usegroup C: rated current 4	40 A
CSA wire cross-section AWG, min. 2	22
CSA wire cross-section AWG, max. 1	10
CSA stripping length 1	L2 mm
CSA torque, max. 1	L Nm
CSA torque, min. 0	0.5 Nm
CSA File Number 0	042110_0_000
KEMA KEUR approval	
KEMA KEUR approval E	EN 60947-7-1:2009
KEMA KEUR approval granted y	/es
KEMA rated voltage 8	300 V
KEMA rated current 3	32 A
KEMA rated impulse voltage 6	δ kV
KEMA wire cross-section single core (rigid), min. 0).2 mm ²
KEMA wire cross-section single-core (rigid), max. 4	4 mm ²
KEMA wire cross-section stranded, min. 0	0.2 mm ²
KEMA wire cross-section stranded, max. 4	1 mm ²
KEMA torque, min. 0	0.5 Nm
KEMA torque, max. 1	L Nm



Approvals

UL Recognized		
UL approval		UL 1059
UL Usegroup C: rated voltage		600 V
UL Usegroup C: rated current		30 A
UL wire cross-section single-core (rigid	I) AWG, min.	22
UL wire cross-section single-core (rigid	I) AWG, max.	10
UL wire cross-section stranded AWG, r	min.	22
UL wire cross-section stranded AWG, r	max.	10
UL torque		7.3 Lb In
UL wire material		Cu
UL factory wiring		1
UL field wiring		1
UL File Number		E95701
UL Recognized		1
German Lloyd approval		
DNV GL Certificate number	TAE000014T	
DNV GL Location Classes	Temperature: B, Humidity: B, Vibration: A	
DNV GL approval granted	1	
DNV GL rated cross-section	4 mm ²	
DNV GL rated current	34 A	
DNV GL rated voltage	750 V	

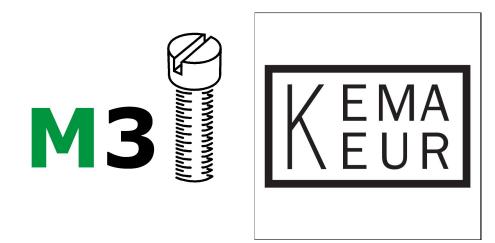
IEC 60947-7-1:2002

DNV GL test standard



Media







Accessories

Cover

- 4 -				
7 LIVE TERMINALS	Article number	Article name	GTIN (EAN)	Packaging unit
	2494.0	AD 4/24/B/E YE	4044211052959	50 ST
Vorsicht	Cover, Length:	24 mm, Width: 24 mm, Colour: Yellow		
Spannung	Article number	Article name	GTIN (EAN)	Packaging unit
	2011.0	AD 4/24/B YE	4044211048143	50 ST
Vorsicht	Cover, Length:	24 mm, Width: 20 mm, Colour: Yellow		
5pannung	Article number	Article name	GTIN (EAN)	Packaging unit
	2493.0	AD 4/24/B/E YE	4044211052942	50 ST
	Cover, Length:	26.5 mm, Width: 6 mm, Colour: Yellow		
4	Cover, Length:	26.5 mm, Width: 6 mm, Colour: Yellow Article name	GTIN (EAN)	Packaging unit
4	-		GTIN (EAN) 4044211056810	
4	Article number	Article name		unit
4	Article number	Article name AD 1/6/B YE		unit
4	Article number 2953.0 Cover, Length:	Article name AD 1/6/B YE 26.5 mm, Width: 6 mm, Colour: White	4044211056810	unit 50 ST Packaging
Yorsicht	Article number 2953.0 Cover, Length: Article number 2965.0	Article name AD 1/6/B YE 26.5 mm, Width: 6 mm, Colour: White Article name	4044211056810 GTIN (EAN)	unit 50 ST Packaging unit
Y Vorsicht Y Spannung	Article number 2953.0 Cover, Length: Article number 2965.0	Article name AD 1/6/B YE 26.5 mm, Width: 6 mm, Colour: White Article name AD 1/6 WH	4044211056810 GTIN (EAN)	unit 50 ST Packaging unit

End plate

CONTACLIP

Data sheet 1001.7 RK 2,5-4 WH

End plate, Wid	th: 1.5 mm, Colour: Beige		
Article number	Article name	GTIN (EAN)	Packaging unit
2001.2	AP 2,5-10 BG	4044211047979	50

End stop

	End stop, Mour	ting 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

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

Article number	Article name	GTIN (EAN)	Packaging unit
2005.2	ES 35 BG	4044211048082	50

Cross-connector

		Cross-connector, No. of poles: 3, Mounting type: Can be screwed on, Width: 17 mm, Rated cross-section: 4 mm², Colour: natural		
	Article number	Article name	GTIN (EAN)	Packaging unit
	2020.0	Q 3	4044211048235	50 ST



Cross-connector, No. of poles: 2, Mounting type: Can be screwed on, Width: 10.9 mm, Rated cross-section: 4 mm², Colour: natural

Article number	Article name	GTIN (EAN)	Packaging unit
2019.0	Q 2	4044211048228	50 ST



Cross-connector, No. of poles: 4, Mounting type: Can be screwed on, Width: 23.1 mm, Rated cross-section: 4 mm², Colour: natural

Article	number	Article name	GTIN (EAN)	Packaging unit
2021.0		Q 4	4044211048242	20 ST



Cross-connector

	Cross-connector, No. of poles: 10, Mounting type: Can be screwed on, Width: 59.7 mm, Rated cross-section: 4 mm², Colour: natural				
	Article number	Article name	GTIN (EAN)	Packaging unit	
	2022.0	Q 10	4044211048259	10 ST	

Insulated cross-connector

	Insulated cross-connector, No. of poles: 4, Mounting type: Can be screwed on, Width: 21.9 mm, Colour: Yellow			
	Article number	Article name	GTIN (EAN)	Packaging unit
	2742.2	QI 4 YE	4044211054823	20 ST

Insulated cross-connector, No. of poles: 10, Mounting type: Can be screwed on, Width: 59.7 mm, Colour: Yellow

Ĩ	Article number	Article name	GTIN (EAN)	Packaging unit
	2743.2	QI 10 YE	4044211054830	10 ST

Insulated cross-connector, No. of poles: 2, Mounting type: Can be screwed on, Width: 10.4 mm, Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
2740.2	QI 2 YE	4044211054809	50 ST



Insulated cross-connector, No. of poles: 3, Mounting type: Can be screwed on, Width: 16.5 mm, Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
2741.2	QI 3 YE	4044211054816	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 with bare blade, Colour: Black-grey			
- Econocity	Article number	Article name	GTIN (EAN)	Packaging unit
	1086.0	SDB 0,6x3,5	4044211014797	1 ST

Test adapters

	Test adapter, L	Test adapter, Length: 37.3 mm, Pitch size: 6 mm, Colour: Beige			
	Article number	Article name	GTIN (EAN)	Packaging unit	
	2813.0	TA 6/1/ST	4044211055400	10 ST	

Insulation plate

	Insulation plate	, Colour: Beige		
	Article number	Article name	GTIN (EAN)	Packaging unit
	2003.2	TRS 1 BG	4044211048068	100

Partition plate

	Partition plate,	Partition plate, Width: 1.5 mm, Colour: Beige			
0 0	Article number	Article name	GTIN (EAN)	Packaging unit	
	2002.2	TW 2,5-10 BG	4044211048044	50	



##INVERSE##CONTA-CONNECT

	Test adapter, I	adapter, Length: 37.3 mm, Pitch size: 6 mm, Colour: Beige			
l _u l	Article number	Article name	GTIN (EAN)	Packaging unit	
	2813.0	TA 6/1/ST	4044211055400	10 ST	