

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

Business data

Article number	<u>1020.1</u>
Article name	RKD 4 GN
GTIN (EAN)	4044211004514
Packaging unit	100
Quantity unit	PC
Weight per piece (not including packaging)	13.4 g
Weight per piece (including packaging)	14.22 g
Unit of weight	G
Customs number	85369010
Country of origin	CZ
Prio-Article	1020.2
Product description	Double-level terminal



Technical data

Length60.2 mmWidth6 mmHeight TS 35/7.561 mmHeight TS 3265.5 mmRatings700 VRated voltage500 VRated voltage500 VRated current32 ARated current32 ARated cross-section4 mm²Rated cross-section2.05 WOvervoltage categoryIIIContamination degree3Maximum power dissipation for nominal condition2.05 WConnection dataConnectionConnection principleScrew connectionConnection principle2Number of terminals per level2Number of terwinals per level2Wire 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 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 Attanded with wire-end ferrules, max.1 mm²Wire cross-section Attanded with wire-end ferrules, max.4 mm²Wire cross-section Attanded with wire-end ferrules, max.12Stripping length9 mmScrew headSlottedScrew headSlottedScrew headSlottedScrew headSlottedScrew headSlottedScrew	Dimensions	
Height TS 35/7.561 mmHeight TS 3265.5 mmRatingsRated voltageRated voltage500 VRated current32 ARated cross-section4 mm²Rated imputse voltage6 kVOvervoltage categoryIIIContamination degree3Maximum power dissipation for nominal condition2.05 WConnection principleScrew connectionConnection positionLateralConnection positionLateralConnection position2 x 2Number of terminals per level2Wire 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, max.4 mm²Wire cross-section Attanded, min.0.2 mm²Wire cross-section Max4 mm²Wire cross-section Max4 mm²Wire cross-section Max4 mm²Wire cross-section Max4 mm²Wire cross-section Max12Wire cross-section Max12Wire cross-section MWG, max.12Stripping length9 mmScrew headSlottedScrew headSlottedScrew threadingM 3Tightening torque, min.0.5 Nm	Length	60.2 mm
Height TS 32 65.5 mm Ratings Rated voltage 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 Connection for connection Connection principle Screw connection Connection position Lateral Connections 2 x 2 Number of terminals per level 2 Number of terminals per level 2 Vire cross-section single-core (rigid)/stranded, max. 4 mm² Wire cross-section stranded, max. 4 mm² Wire cross-section stranded, max. 4 mm² Wire cross-section stranded with wire-end ferrules, min. 0.2 mm² Mire cross-section stranded with wire-end ferrules, max. 4 mm² Wire cross-section AWG, min. 22 Wire cross-section AWG, max. 12 Stripping length 9 mm Screw head Slotted Screw threading M 3 <td>Width</td> <td>6 mm</td>	Width	6 mm
Ratings Rated voltage 500 V Rated current 32 A 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 Connection principle Connection principle Screw connection Connection position Lateral Connections 2 x 2 Number of terminals per level 2 Vire cross-section single-core (rigid) / stranded, min. 0.2 mm² Wire cross-section stranded, max. 4 mm² Wire cross-section stranded, max. 4 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 AveG, min. 22 Wire cross-section AVEG, min.	Height TS 35/7.5	61 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 principleScrew connectionConnection positionLateralConnection positionLateralConnection 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.4 mm²Wire cross-section stranded with wire-end ferrules, max.12Stripping length9 mmScrew headSlottedScrew headSlottedStripping length0.5 Nm	Height TS 32	65.5 mm
Rated current32 ARated cross-section4 mm²Rated impulse voltage6 kVOvervoltage categoryIIIContamination degree3Maximum power dissipation for nominal condition2.05 WConnection dataConnection principleConnection principleScrew connectionConnection positionLateralConnection positionLateralConnection position2 x 2Number of terminals per level2Number of levels2Wire 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 headSlottedStriphing torque, min.0.5 Nm	Ratings	
Rated cross-section4 mm²Rated impulse voltage6 kVOvervoltage categoryIIIContamination degree3Maximum power dissipation for nominal condition2.05 WConnection dataConnection principleScrew connectionConnection positionLateralConnections2 x 2Number of terminals per level2Number of levels2Wire 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 AWG, min.22Wire cross-section AWG, min.22Wire cross-section AWG, max.12Stripping length9 mmScrew headSlottedScrew headSlottedScrew threadingM 3Tightening torque, min.0.5 Nm	Rated voltage	500 V
Rated impulse voltage6 kVOvervoltage categoryIIIContamination degree3Maximum power dissipation for nominal condition2.05 WConnection dataEndConnection principleScrew connectionConnection principleScrew connectionConnection positionLateralConnections2 x 2Number of terminals per level2Number of levels2Wire 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 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 headingM 3Tightening torque, min.0.5 Nm	Rated current	32 A
Overvoltage categoryIIIContamination degree3Maximum power dissipation for nominal condition2.05 WConnection dataConnection principleConnection positionLateralConnections2 x 2Number of terminals per level2Number of levels2Wire 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, min.12Wire cross-section stranded with wire-end ferrules, min.4 mm²Wire cross-section stranded with wire-end ferrules, min.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.12Stripping length9 mmScrew headSlottedScrew threadingM 3Tightening torque, min.0.5 Nm	Rated cross-section	4 mm ²
Contamination degree3Maximum power dissipation for nominal condition2.05 WConnection dataEndConnection positionLateralConnections2 x 2Number of terminals per level2Number of terminals per level2Wire 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, min.0.2 mm²Wire cross-section stranded with wire-end ferrules, min.0.2 mm²Wire cross-section AWG, min.22Wire cross-section AWG, min.21Stripping length9 mmScrew headSlottedScrew headSlottedScrew threadingM 3Tightening torque, min.0.5 Nm	Rated impulse voltage	6 kV
Maximum power dissipation for nominal condition2.05 WConnection dataConnection principleConnection positionLateralConnections2 x 2Number of terminals per level2Number of terminals per level2Wire 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, min.12Wire cross-section AWG, max.12Stripping length9 mmScrew headSlottedScrew threadingM 3Tightening torque, min.0.5 Nm	Overvoltage category	III
Connection dataConnection principleScrew connectionConnection positionLateralConnections2 x 2Number of terminals per level2Number of terminals per level2Wire 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 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	Contamination degree	3
Connection principleScrew connectionConnection positionLateralConnections2 x 2Number of terminals per level2Number of levels2Wire 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.2Wire 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 positionLateralConnections2 x 2Number of terminals per level2Number of levels2Wire 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 data	
Connections2 x 2Number of terminals per level2Number of levels2Wire 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 principle	Screw connection
Number of terminals per level2Number of levels2Wire 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, 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	Connection position	Lateral
Number of levels2Wire 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	2 x 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 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, 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	Number of levels	2
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 ²
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 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.12Stripping length9 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.12Stripping length9 mmScrew headSlottedScrew threadingM 3Tightening torque, min.0.5 Nm	Wire cross-section stranded, max.	4 mm ²
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 ²
Wire cross-section AWG, max.12Stripping length9 mmScrew headSlottedScrew threadingM 3Tightening torque, min.0.5 Nm		4 mm ²
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, 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	2
End plate required	\checkmark
Number of test pick-off options	1
Environmental Product Compliance	
REACH Conform	yes
REACH Reference date	2022-01-07, 2022-06-10
REACH Candidate Substance Note	No
RoHS Conform	yes



Approvals

Standards and regulations	
EAC approval	TR ZU 004/2011
EAC approval granted	yes
CSA approval	
CSA approval	C22.2 No 158
CSA approval granted	yes
CSA Usegroup C: rated voltage	300 V
CSA Usegroup C: rated current	25 A
CSA wire cross-section AWG, min.	22
CSA wire cross-section AWG, max.	12
CSA stripping length	9 mm
CSA torque, max.	1 Nm
CSA torque, min.	0.5 Nm
German Lloyd approval	
GL approval	IEC 60947-7-1:2002
GL approval granted	yes
GL rated voltage	500 V
GL rated current	34 A
GL rated cross-section	4 mm ²
GL environmental category	С
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	500 V
DNV GL test standard	IEC 60947-7-1:2002

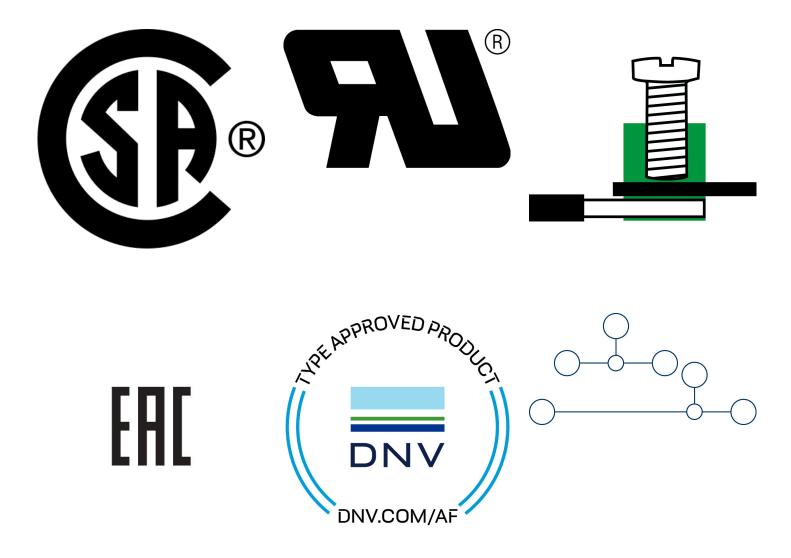


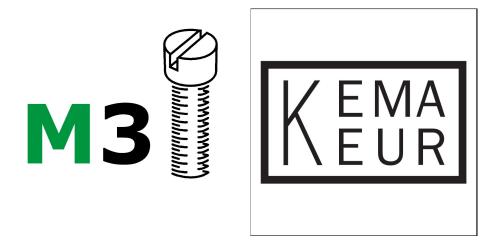
Approvals

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 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
UL Recognized	
UL approval	UL 1059
UL Usegroup C: rated voltage	300 V
UL Usegroup C: rated current	30 A
UL wire cross-section single-core (rigid) AWG, min.	22
UL wire cross-section single-core (rigid) AWG, max.	10
UL wire cross-section stranded AWG, min.	22
UL wire cross-section stranded AWG, max.	10
UL torque	7 Lb In
UL wire material	Cu
UL factory wiring	1
UL field wiring	1
UL Recognized	1



Media







Accessories

Cover

DANGER	Cover, Length: 24 mm, Width: 24 mm, Colour: Yellow			
	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
Spanning	2011.0	AD 4/24/B YE	4044211048143	50 ST
Vorsicht	Cover, Length:	24 mm, Width: 20 mm, Colour: Yellow		
Spannung	Article number	Article name	GTIN (EAN)	Packaging unit
	2493.0	AD 4/24/B/E YE	4044211052942	50 ST
Vorsicht	Cover, Length:	24 mm, Width: 20 mm, Colour: Yellow		
Spannung	Article number	Article name	GTIN (EAN)	Packaging unit
	2079.0	AD 4/24/B YE	4044211048877	50 ST

End plate

End plate, Widt	h: 1.5 mm, Colour: Beige		
Article number	Article name	GTIN (EAN)	Packaging unit
2101.2	AP 4 BG	4044211151652	20

Insulation plate

Insulation plate, Colour: Beige			
Article number	Article name	GTIN (EAN)	Packaging unit
2566.2	TRS 3 BG	4044211053567	100 ST



Cross-connector

TT	
100	1.000
1.15.1	1.3
1.35.4	1382
1.202	
A COMPANY R	

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

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	
	2828.0	ES 35/K/ST BG	4044211055547	50	



Test adapters

	Test adapter, Length: 37.3 mm, Pitch size: 6 mm, Colour: Beige				
	Article number	Article name	GTIN (EAN)	Packaging unit	
	2822.0	TAD 6/1/S	4044211055486	10 ST	

Screwdriver

- Conset	Screwdriver with bare blade, Colour: Black-grey				
	Article number	Article name	GTIN (EAN)	Packaging unit	
	1086.0	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
4702.7	PMC SB 6/50 WH	4044211089986	500 ST