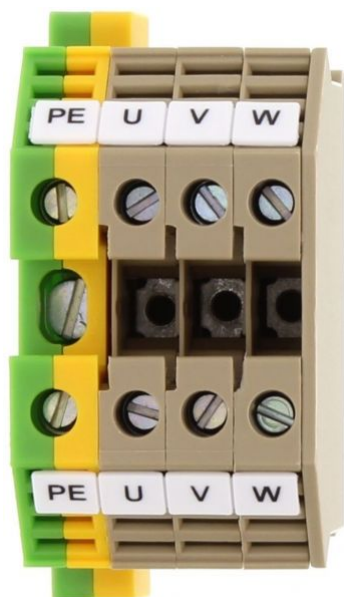


1521.2

VMAB 2,5-4

VMAB 2,5-4



Four-wire motor-connection block, Screw connection, Mounting type: Mounting rail TS 35/7.5 and TS 32, Rated cross-section: 4 mm<sup>2</sup>, Colour: Multi-coloured

## Business data

Product description	Four-wire motor-connection block
Packaging unit	10
Quantity unit	PC
Weight per piece (not including packaging)	58.44
Weight per piece (including packaging)	64.2
Unit of weight	G
Customs number	85369010
Country of origin	DE

1521.2

VMAB 2,5-4

VMAB 2,5-4

## Technical Data

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### Dimensions

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Length	56 mm
Width	28 mm
Height TS 35/7.5	47 mm
Pitch	6 mm

### Ratings

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Rated voltage	800 V
Rated current	32 A
Rated cross-section	4 mm <sup>2</sup>
Rated impulse voltage	6 kV
Overvoltage category	III
Contamination degree	3

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VMAB 2,5-4

VMAB 2,5-4

## Technical Data

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### Connection data

Connection principle	Screw connection
Connection position	Lateral
Connections	8
Number of terminals per level	2
Number of levels	1
Wire cross-section single-core (rigid) / stranded, min.	0.2 mm <sup>2</sup>
Wire cross-section single core (rigid)/stranded, max.	6 mm <sup>2</sup>
Wire cross-section stranded, min.	0.2 mm <sup>2</sup>
Wire cross-section stranded, max.	6 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.	10
Stripping length	12 mm
Screw head	Slotted
Screw threading	M 3
Tightening torque, min.	0.5 Nm
Tightening torque, max.	1 Nm

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VMAB 2,5-4

VMAB 2,5-4

## Technical Data

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### Materials

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Insulation housing	Polyamide 6.6
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Flammability class UL 94	V-2
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Working temperature, min.	-40 °C
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Working temperature, max.	105 °C
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### Further technical data

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Mounting type	Mounting rail TS 35/7.5 and TS 32
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Gauge plug acc. to EN 60 947-1	A4
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Number of cross-connection channels	1
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End plate required	✓
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Number of test pick-off options	3
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1521.2

VMAB 2,5-4

VMAB 2,5-4

## Approvals

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### Standards and regulations

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EAC approval	TR ZU 004/2011
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### CSA approval

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CSA approval	C22.2 No 158
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CSA approval granted	✓
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CSA Usegroup C: rated voltage	600 V
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CSA Usegroup C: rated current	32 A
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CSA wire cross-section AWG, min.	22
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CSA wire cross-section AWG, max.	10
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CSA stripping length	12 mm
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### CSAus approval

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CSAus approval	UL 1059
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CSAus approval granted	✓
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CSAus Usegroup C: rated voltage	600 V
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CSAus Usegroup C: rated current	32 A
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CSAus wire cross-section AWG, min.	22
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CSAus wire cross-section AWG, max.	10
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1521.2

VMAB 2,5-4

VMAB 2,5-4

## Approvals

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### CSAus approval

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CSAus stripping length

12 mm

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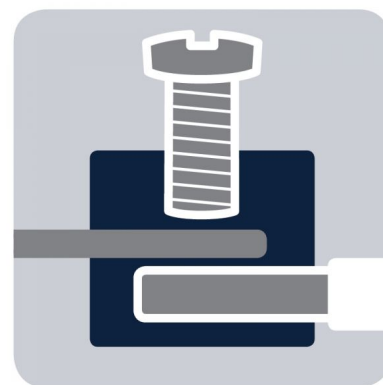
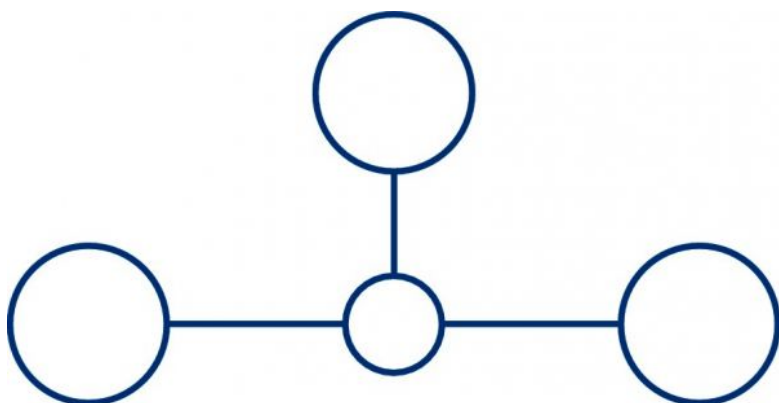
1521.2

VMAB 2,5-4

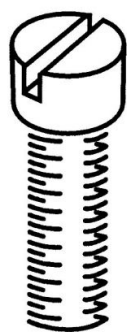
VMAB 2,5-4

Media

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**M3**



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VMAB 2,5-4

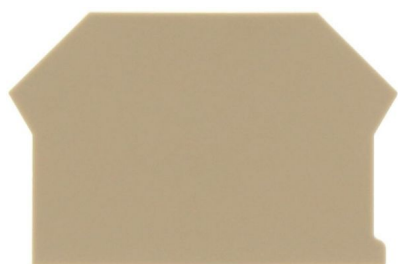
VMAB 2,5-4

## Accessories

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### End plate

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End plate, Width: 1.5 mm, Colour: Beige

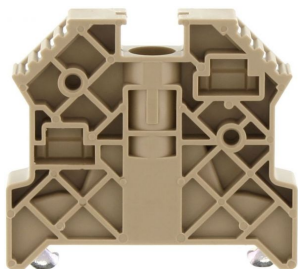
### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2001.2	AP 2,5-10	4044211047979	50 PC

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### End bracket

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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

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1521.2

VMAB 2,5-4

VMAB 2,5-4

## Accessories

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### Test adapter

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Test adapter, Length: 37.3 mm, Pitch size: 6 mm,  
Colour: Beige

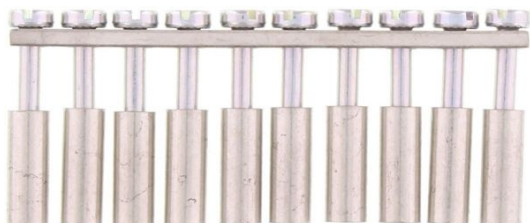
### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2813.0	TA 6/1/ST	4044211055400	10 PC

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### Cross connector

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Cross-connector, No. of poles: 10, Mounting type: Can  
be screwed on, Width: 59.7 mm, Rated cross-section:  
4 mm<sup>2</sup>, Colour: natural

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2022.0	Q 10	4044211048259	10 PC

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1521.2

VMAB 2,5-4

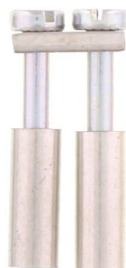
VMAB 2,5-4

## Accessories

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### Cross connector

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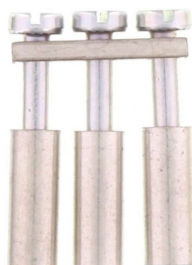


Cross-connector, No. of poles: 2, Mounting type: Can be screwed on, Width: 10.9 mm, Rated cross-section: 4 mm<sup>2</sup>, Colour: natural

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2019.0	Q 2	4044211048228	50 PC

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Cross-connector, No. of poles: 3, Mounting type: Can be screwed on, Width: 17 mm, Rated cross-section: 4 mm<sup>2</sup>, Colour: natural

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2020.0	Q 3	4044211048235	50 PC

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1521.2

VMAB 2,5-4

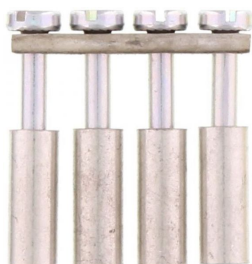
VMAB 2,5-4

## Accessories

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### Cross connector

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Cross-connector, No. of poles: 4, Mounting type: Can be screwed on, Width: 23.1 mm, Rated cross-section: 4 mm<sup>2</sup>, Colour: natural

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2021.0	Q 4	4044211048242	20 PC

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### Insulated cross connector

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

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2743.2	QI 10	4044211054830	10 PC

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VMAB 2,5-4

VMAB 2,5-4

## Accessories

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### Insulated cross connector

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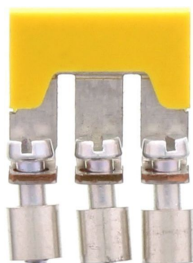


Insulated cross-connector, No. of poles: 2, Mounting type: Can be screwed on, Width: 10.4 mm, Colour: Yellow

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2740.2	QI 2	4044211054809	50 PC

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

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2741.2	QI 3	4044211054816	50 PC

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1521.2

VMAB 2,5-4

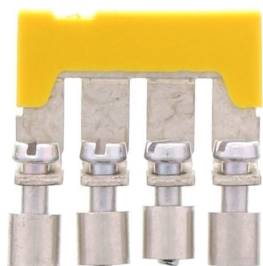
VMAB 2,5-4

## Accessories

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### Insulated cross connector

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Insulated cross-connector, No. of poles: 4, Mounting type: Can be screwed on, Width: 21.9 mm, Colour: Yellow

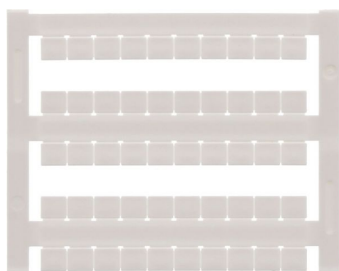
### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2742.2	QI 4	4044211054823	20 PC

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### Quick-marking

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

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
4702.7	PMC SB 6/50 WH	4044211089986	500 PC

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1521.2

VMAB 2,5-4

VMAB 2,5-4

## Accessories

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### Screw driver

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Screwdriver with bare blade, Colour: Black-grey

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
1086.0	SDB 0,6x3,5	4044211014797	1 PC

### Insulation plate

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Insulation plate, Colour: Beige

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2003.2	TRS 1	4044211048068	100 PC

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VMAB 2,5-4

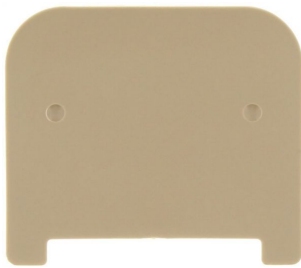
VMAB 2,5-4

## Accessories

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### Partition plate

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Partition plate, Width: 1.5 mm, Colour: Beige

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### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2002.2	TW 2,5-10	4044211048044	50 PC

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