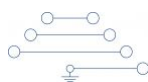
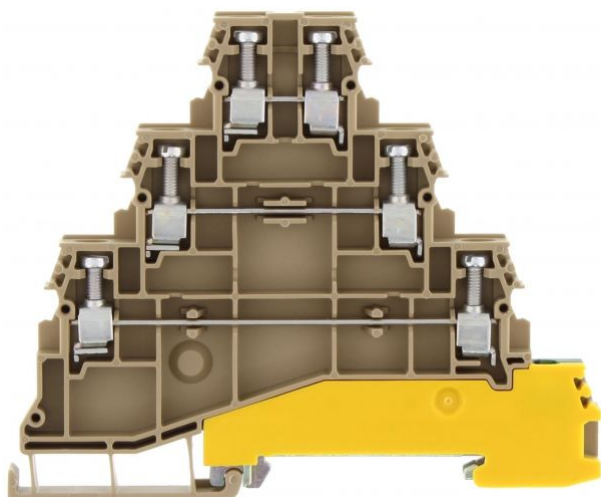


1425.2

VMAK 2,5 BG

VMAK 2,5 BG



M2.5



EAC



Motor-connection terminal, Screw connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 2.5 mm<sup>2</sup>, Width: 6 mm, Colour: Beige

## Business data

Product description	Motor-connection terminal
Packaging unit	40
Quantity unit	PC
Weight per piece (not including packaging)	30.6
Weight per piece (including packaging)	33.05
Unit of weight	G
Customs number	85369010
Country of origin	DE

1425.2

VMAK 2,5 BG

VMAK 2,5 BG

## Technical Data

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### Dimensions

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Length	93.3 mm
Width	6 mm
Height TS 35/7.5	77 mm

### Ratings

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Rated voltage	400 V
Rated current	24 A
Rated cross-section	2.5 mm <sup>2</sup>
Rated impulse voltage	6 kV
Overvoltage category	III
Contamination degree	3

1425.2

VMAK 2,5 BG

VMAK 2,5 BG

## Technical Data

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### Connection data

Connection principle	Screw connection
Connection position	Lateral
Connections	3 x 2 + 1
Number of terminals per level	2
Number of levels	3
Wire cross-section single-core (rigid) / stranded, min.	0.2 mm <sup>2</sup>
Wire cross-section single core (rigid)/stranded, max.	4 mm <sup>2</sup>
Wire cross-section stranded, min.	0.2 mm <sup>2</sup>
Wire cross-section stranded, max.	4 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.	2.5 mm <sup>2</sup>
Wire cross-section AWG, min.	22
Wire cross-section AWG, max.	14
Stripping length	9 mm
Screw head	Slotted
Screw threading	M 2,5
Tightening torque, min.	0.4 Nm
Tightening torque, max.	0.8 Nm

1425.2

VMAK 2,5 BG

VMAK 2,5 BG

## Technical Data

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### Materials

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

### Further technical data

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Mounting type	Mounting rail TS 35/7,5
Gauge plug acc. to EN 60 947-1	A4
End plate required	✓
PE connection available	✓
Can be cross-connected	✓

1425.2

VMAK 2,5 BG

VMAK 2,5 BG

## Approvals

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### Standards and regulations

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EAC approval	TR ZU 004/2011
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EAC approval granted	✓
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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	300 V
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CSA Usegroup C: rated current	10 A
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CSA wire cross-section AWG, min.	22
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CSA wire cross-section AWG, max.	14
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CSA stripping length	9 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	300 V
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CSAus Usegroup C: rated current	10 A
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CSAus wire cross-section AWG, min.	22
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1425.2

VMAK 2,5 BG

VMAK 2,5 BG

## Approvals

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### CSAus approval

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CSAus wire cross-section AWG, max.	14
CSAus stripping length	9 mm

### KEMA KEUR approval

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KEMA KEUR approval	EN 60947-7-1
KEMA KEUR approval granted	✓
KEMA rated voltage	400 V
KEMA rated current	24 A
KEMA rated impulse voltage	4 kV
KEMA wire cross-section single core (rigid), min.	0.2 mm <sup>2</sup>
KEMA wire cross-section single-core (rigid), max.	4 mm <sup>2</sup>
KEMA wire cross-section stranded, min.	0.2 mm <sup>2</sup>
KEMA wire cross-section stranded, max.	4 mm <sup>2</sup>

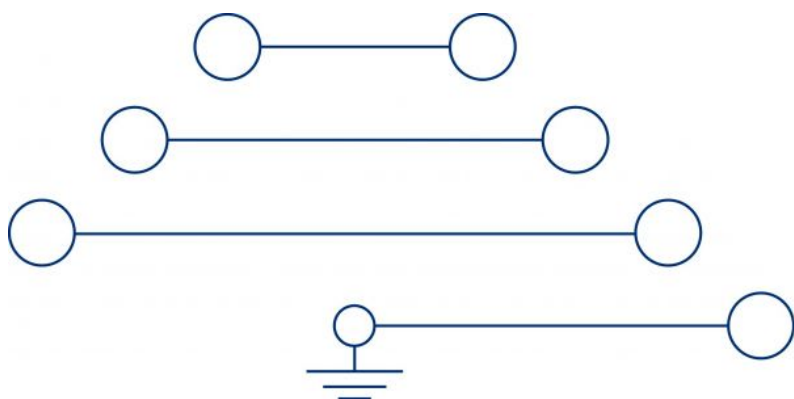
1425.2

VMAK 2,5 BG

VMAK 2,5 BG

Media

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**M2.5**



**EAC**



1425.2

VMAK 2,5 BG

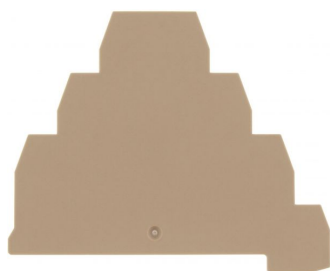
VMAK 2,5 BG

## Accessories

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### End plate

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End plate, Width: 2 mm, Colour: Beige

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2862.2	AP VMAK 2,5	4044211055875	20 PC

### External insulated cross-connector

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External insulated cross-connector, No. of poles: 10, Mounting type: Plug in, Width: 59.6 mm, Rated current: 27 A; Colour: Yellow

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2141.0	AQI 10/6/11	4044211049621	10 PC



1425.2

VMAK 2,5 BG

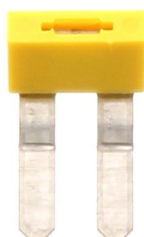
VMAK 2,5 BG

## Accessories

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### External insulated cross-connector

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External insulated cross-connector, No. of poles: 2,  
Mounting type: Plug in, Width: 10.8 mm, Rated  
current: 27 A; Colour: Yellow

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#### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2125.0	AQI 2/6/11	4044211049447	50 PC

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External insulated cross-connector, No. of poles: 3,  
Mounting type: Plug in, Width: 16.9 mm, Rated  
current: 27 A; Colour: Yellow

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#### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2126.0	AQI 3/6/11	4044211049454	50 PC

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1425.2

VMAK 2,5 BG

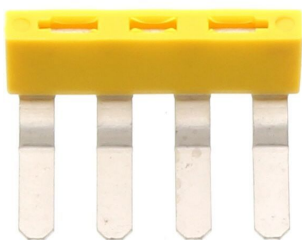
VMAK 2,5 BG

## Accessories

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### External insulated cross-connector

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External insulated cross-connector, No. of poles: 4, Mounting type: Plug in, Width: 23 mm, Rated current: 27 A; Colour: Yellow

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### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2140.0	AQI 4/6/11	4044211049614	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

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### In general

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

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1425.2

VMAK 2,5 BG

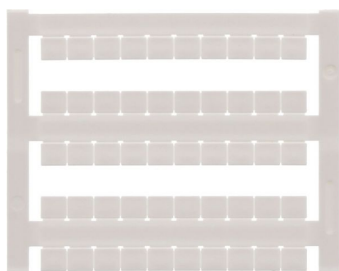
VMAK 2,5 BG

## Accessories

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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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### Screw driver

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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

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