

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

Article number	<u>1425.2</u>
Article name	VMAK 2,5 BG
GTIN (EAN)	4044211044701
Packaging unit	40
Quantity unit	PC
Weight per piece (not including packaging)	30.6 g
Weight per piece (including packaging)	33.05 g
Unit of weight	G
Customs number	85369010
Country of origin	CZ
Product description	Motor-connection terminal
Colour	Beige

# Data sheet

## 1425.2 VMAK 2,5 BG

### Technical data

#### Dimensions

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

#### Ratings

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
Maximum power dissipation for nominal condition	2.3 W

#### 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

### 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
Gauge plug acc. to EN 60 947-1	A4
End plate required	✓
PE connection available	✓
Can be cross-connected	✓

#### Environmental Product Compliance

REACH Conform	yes
REACH Reference date	2024-01-23
REACH Candidate Substance Note	No
RoHS Conform	yes

### Approvals

#### Standards and regulations

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

CSA approval	C22.2 No 158
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CSA approval granted	yes
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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

CSAus approval	UL 1059
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CSAus approval granted	yes
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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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CSAus wire cross-section AWG, max.	14
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CSAus stripping length	9 mm
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#### KEMA KEUR approval

KEMA KEUR approval	EN 60947-7-1:2009
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KEMA KEUR approval granted	yes
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KEMA rated voltage	400 V
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KEMA rated current	24 A
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KEMA rated impulse voltage	4 kV
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KEMA wire cross-section single core (rigid), min.	0.2 mm <sup>2</sup>
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KEMA wire cross-section single-core (rigid), max.	4 mm <sup>2</sup>
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KEMA wire cross-section stranded, min.	0.2 mm <sup>2</sup>
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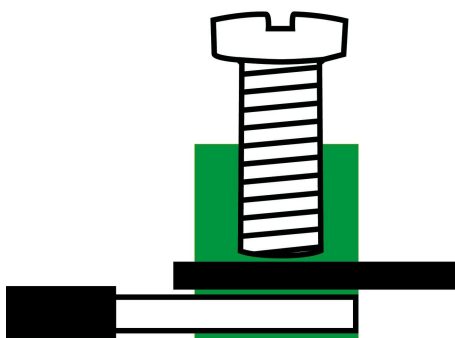
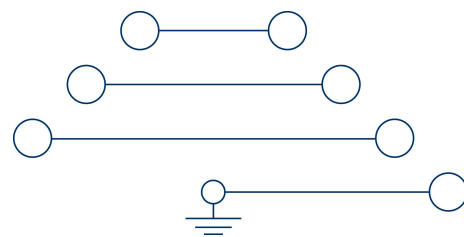
KEMA wire cross-section stranded, max.	4 mm <sup>2</sup>
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### Media

**M2.5**



**EAC**



### Accessories

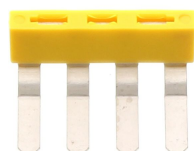
#### End plate



End plate, Width: 2 mm, Colour: Beige

Article number	Article name	GTIN (EAN)	Packaging unit
<u>2862.2</u>	AP VMAK 2,5 BG	4044211055875	20

#### Insulated external cross-connector



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

Article number	Article name	GTIN (EAN)	Packaging unit
<u>2140.0</u>	AQI 4/6/11 YE	4044211049614	50 ST



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

Article number	Article name	GTIN (EAN)	Packaging unit
<u>2141.0</u>	AQI 10/6/11 YE	4044211049621	10 ST



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

Article number	Article name	GTIN (EAN)	Packaging unit
<u>2125.0</u>	AQI 2/6/11 YE	4044211049447	50 ST



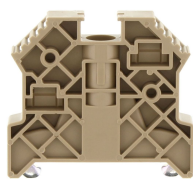
External insulated cross-connector, No. of poles: 3, Mounting type: Plug in, Width: 16.9 mm, Rated current: 27 A; Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
<u>2126.0</u>	AQI 3/6/11 YE	4044211049454	50 ST

#### End stop

# Data sheet

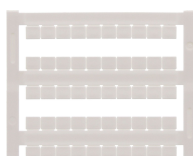
## 1425.2 VMAK 2,5 BG



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

### Quick marking



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

Article number	Article name	GTIN (EAN)	Packaging unit
<u>4702.7</u>	PMC SB 6/50 WH	4044211089986	500 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