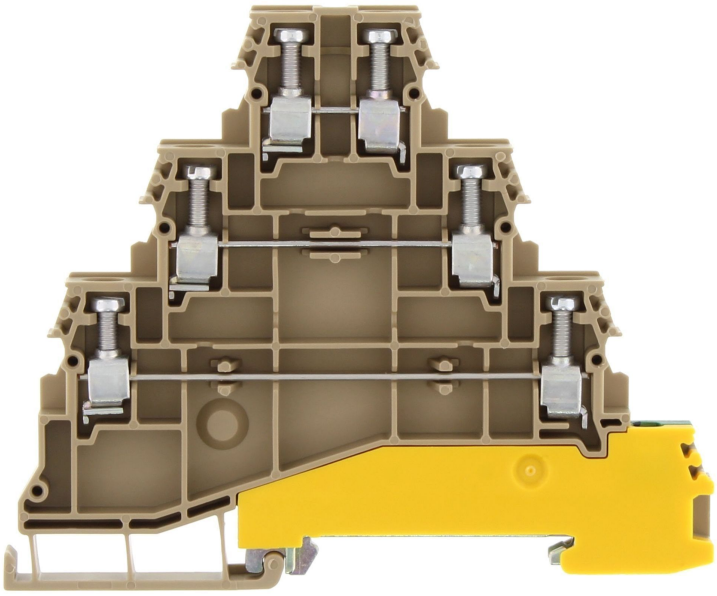
Data sheet

1425.2 VMAK 2,5 BG



Motor-connection terminal, Screw connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 2.5 mm², Width: 6 mm, Colour: Beige

Business data

Article number	1425.2
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 mm²
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 mm²
Wire cross-section single core (rigid)/stranded, max.	4 mm²
Wire cross-section stranded, min.	0.2 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, max.	2.5 mm²
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

Data sheet

1425.2 VMAK 2,5 BG

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	2022-06-10
REACH Candidate Substance Note	No
RoHS Conform	yes

Approvals

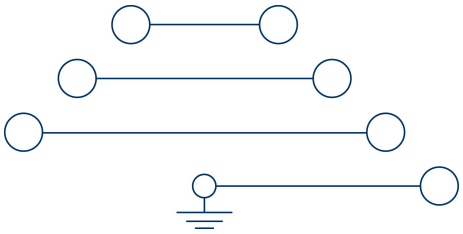
Standards and regulations	
EAC approval	TR ZU 004/2011
EAC approval granted	yes

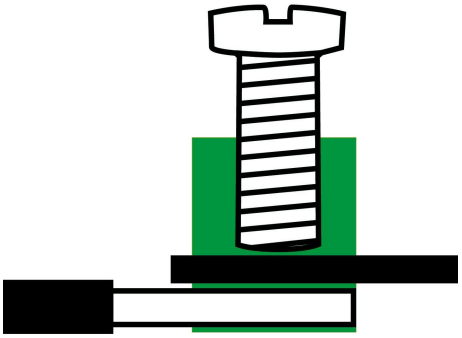
CSA approval	
CSA approval	C22.2 No 158
CSA approval granted	yes
CSA Usegroup C: rated voltage	300 V
CSA Usegroup C: rated current	10 A
CSA wire cross-section AWG, min.	22
CSA wire cross-section AWG, max.	14
CSA stripping length	9 mm

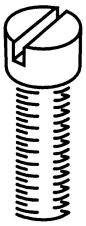
CSAus approval	
CSAus approval	UL 1059
CSAus approval granted	yes
CSAus Usegroup C: rated voltage	300 V
CSAus Usegroup C: rated current	10 A
CSAus wire cross-section AWG, min.	22
CSAus wire cross-section AWG, max.	14
CSAus stripping length	9 mm

KEMA KEUR approval	
KEMA KEUR approval	EN 60947-7-1:2009
KEMA KEUR approval granted	yes
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 mm²
KEMA wire cross-section single-core (rigid), max.	4 mm²
KEMA wire cross-section stranded, min.	0.2 mm²
KEMA wire cross-section stranded, max.	4 mm²

Media







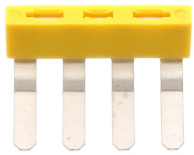
Accessories

End plate

End plate, Width: 2 mm, Colour: Beige

Article number	Article name	GTIN (EAN)	Packaging unit
2862.2	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
2140.0	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
2141.0	AQI 10/6/11 YE	4044211049621	10 ST

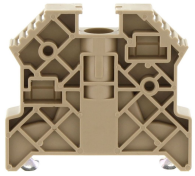
External insulated cross-connector, No. of poles: 2, Mounting type: Plug in, Width: 10.8 mm, Rated current: 27 A; Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
2125.0	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
2126.0	AQI 3/6/11 YE	4044211049454	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

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

Article number	Article name	GTIN (EAN)	Packaging unit
1085.0	SDB 0,5x3,0	4044211014643	1 ST