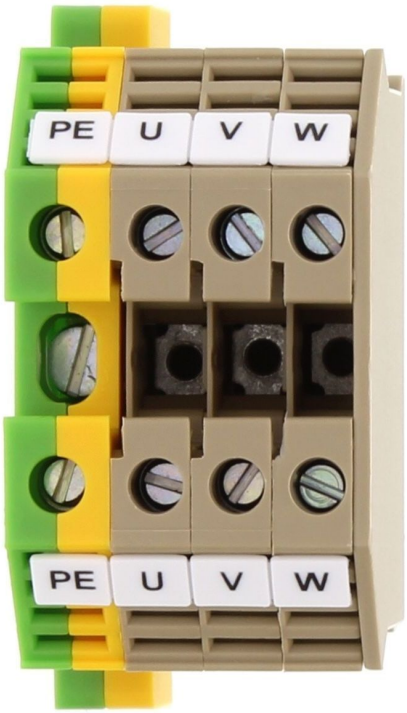
Data sheet

1521.2 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 mm², Colour: Multi-coloured

Business data

Article number	1521.2
Article name	VMAB 2,5-4
GTIN (EAN)	4044211046682
Packaging unit	10
Quantity unit	PC
Weight per piece (not including packaging)	58.44 g
Weight per piece (including packaging)	64.2 g
Unit of weight	G
Customs number	85369010
Country of origin	DE
Product description	Four-wire motor-connection block
Colour	Multi-coloured

Data sheet

1521.2 VMAB 2,5-4

Technical data

Dimensions	
Length	56 mm
Width	28 mm
Height TS 35/7.5	47 mm
Pitch	6 mm
Ratings	
Rated voltage	800 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	1.02 W
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 mm²
Wire cross-section single core (rigid)/stranded, max.	6 mm²
Wire cross-section stranded, min.	0.2 mm²
Wire cross-section stranded, max.	6 mm²
Wire cross-section stranded with wire-end ferrules, min.	0.2 mm²
Wire cross-section stranded with wire-end ferrules, max.	4 mm²
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

Data sheet

1521.2 VMAB 2,5-4

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

Environmental Product Compliance

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

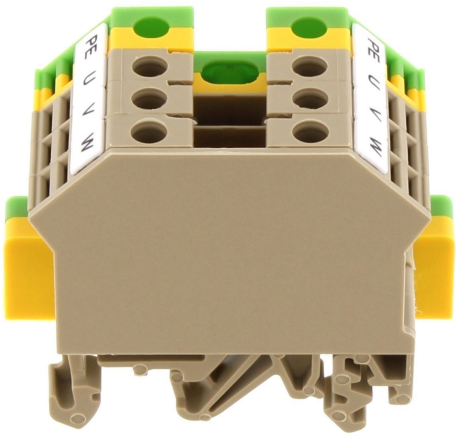
Approvals

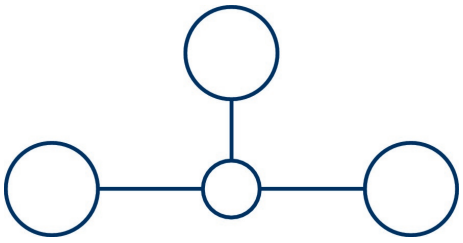
Standards and regulations	
EAC approval	TR ZU 004/2011

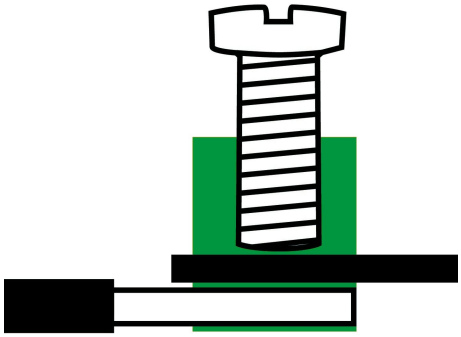
CSA approval	
CSA approval	C22.2 No 158
CSA approval granted	yes
CSA Usegroup C: rated voltage	600 V
CSA Usegroup C: rated current	32 A
CSA wire cross-section AWG, min.	22
CSA wire cross-section AWG, max.	10
CSA stripping length	12 mm

CSAus approval	
CSAus approval	UL 1059
CSAus approval granted	yes
CSAus Usegroup C: rated voltage	600 V
CSAus Usegroup C: rated current	32 A
CSAus wire cross-section AWG, min.	22
CSAus wire cross-section AWG, max.	10
CSAus stripping length	12 mm

Media







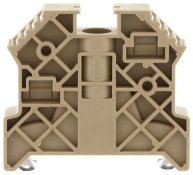
Accessories

End plate

End plate, Width: 1.5 mm, Colour: Beige

Article number	Article name	GTIN (EAN)	Packaging unit
2001.2	AP 2,5-10 BG	4044211047979	50

End stop



End stop, Mounting type: Mounting rail TS 35/7.5, Width: 9.5 mm, Colour: Beige

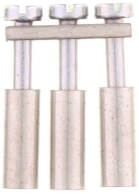
Article number	Article name	GTIN (EAN)	Packaging unit
2828.0	ES 35/K/ST BG	4044211055547	50

Test adapter

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

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

Cross-connector



Cross-connector, No. of poles: 3, Mounting type: Can be screwed on, Width: 17 mm, Rated cross-section: 4 mm², Colour: natural

Article number	Article name	GTIN (EAN)	Packaging unit
2020.0	Q 3	4044211048235	50 ST

Cross-connector, No. of poles: 2, Mounting type: Can be screwed on, Width: 10.9 mm, Rated cross-section: 4 mm², Colour: natural

Article number	Article name	GTIN (EAN)	Packaging unit
2019.0	Q 2	4044211048228	50 ST

Cross-connector

Cross-connector, No. of poles: 4, Mounting type: Can be screwed on, Width: 23.1 mm, Rated cross-section: 4 mm², Colour: natural

Article number	Article name	GTIN (EAN)	Packaging unit
2021.0	Q 4	4044211048242	20 ST

Cross-connector, No. of poles: 10, Mounting type: Can be screwed on, Width: 59.7 mm, Rated cross-section: 4 mm², Colour: natural

Article number	Article name	GTIN (EAN)	Packaging unit
2022.0	Q 10	4044211048259	10 ST

Insulated cross-connector

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

Article number	Article name	GTIN (EAN)	Packaging unit
2742.2	QI 4 YE	4044211054823	20 ST

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

Article number	Article name	GTIN (EAN)	Packaging unit
2743.2	QI 10 YE	4044211054830	10 ST

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

Article number	Article name	GTIN (EAN)	Packaging unit
2740.2	QI 2 YE	4044211054809	50 ST

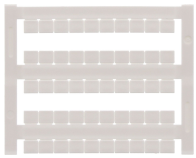
Insulated cross-connector, No. of poles: 3, Mounting type: Can be screwed on, Width: 16.5 mm, Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
2741.2	QI 3 YE	4044211054816	50 ST

Data sheet

1521.2 VMAB 2,5-4

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

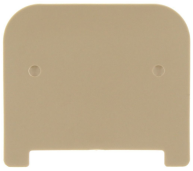
Article number	Article name	GTIN (EAN)	Packaging unit
1086.0	SDB 0,6x3,5	4044211014797	1 ST

Insulation plate

Insulation plate, Colour: Beige

Article number	Article name	GTIN (EAN)	Packaging unit
2003.2	TRS 1 BG	4044211048068	100

Partition plate



Partition plate, Width: 1.5 mm, Colour: Beige

Article number	Article name	GTIN (EAN)	Packaging unit
2002.2	TW 2,5-10 BG	4044211048044	50