

1520.2 VMAB 2,5 VMAB 2,5



Four-wire motor-connection block, Screw connection, Mounting type: Mounting rail TS 35/7.5 and TS 32, Rated cross-section: 2.5 mm², Colour: Multi-coloured

Business data

Product description	Four-wire motor-connection block
Packaging unit	10
Quantity unit	PC
Weight per piece (not including packaging)	37.82
Weight per piece (including packaging)	43.8
Unit of weight	G
Customs number	85369010
Country of origin	DE

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Technical Data

Dimensions

Length	52 mm
Width	23 mm
Height TS 35/7.5	47 mm
Pitch	5 mm

Ratings

Rated voltage	800 V
Rated current	24 A
Rated cross-section	2.5 mm ²
Rated impulse voltage	8 kV
Overvoltage category	III
Contamination degree	3

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Technical Data

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 ²
Wire cross-section single core (rigid)/stranded, max.	4 mm ²
Wire cross-section stranded, min.	0.2 mm ²
Wire cross-section stranded, max.	4 mm ²
Wire cross-section stranded with wire-end ferrules, min.	0.2 mm ²
Wire cross-section stranded with wire-end ferrules, max.	2.5 mm ²
Wire cross-section AWG, min.	22
Wire cross-section AWG, max.	14
Stripping length	7 mm
Screw head	Slotted
Screw threading	M 2,5
Tightening torque, min.	0.4 Nm
Tightening torque, max.	0.8 Nm

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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	A3
Number of cross-connection channels	1
End plate required	✓
Number of test pick-off options	3

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Approvals

Standards and regulations

EAC approval	TR ZU 004/2011
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CSA approval

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	20 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	7 mm
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CSAus approval

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	20 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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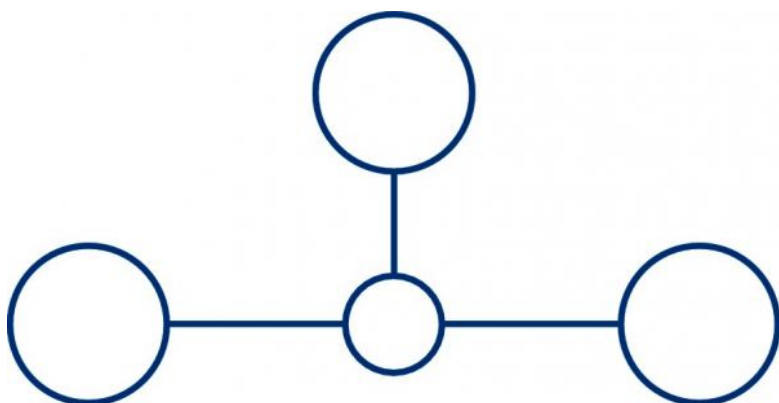
Approvals

CSAus approval

CSAus stripping length	7 mm
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Media



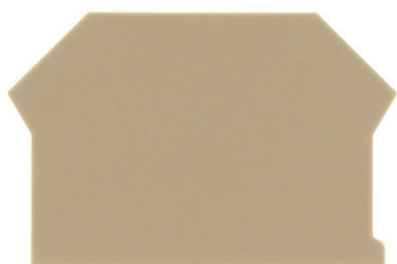
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Accessories

End plate



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

End bracket



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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Accessories

Test adapter



Test adapter, Length: 37.3 mm, Pitch size: 5 mm,
Colour: Beige

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2812.0	TA 5/1/ST	4044211055394	10 PC

Cross connector



Cross-connector, No. of poles: 10, Mounting type: Can
be screwed on, Width: 49.9 mm, Rated cross-section:
2.5 mm², Colour: natural

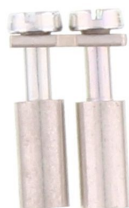
In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2570.0	Q 10	4044211053604	10 PC

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Accessories

Cross connector



Cross-connector, No. of poles: 2, Mounting type: Can be screwed on, Width: 9.1 mm, Rated cross-section: 2.5 mm², Colour: natural

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2567.0	Q 2	4044211053574	50 PC



Cross-connector, No. of poles: 3, Mounting type: Can be screwed on, Width: 14.2 mm, Rated cross-section: 2.5 mm², Colour: natural

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2568.0	Q 3	4044211053581	50 PC

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Accessories

Cross connector

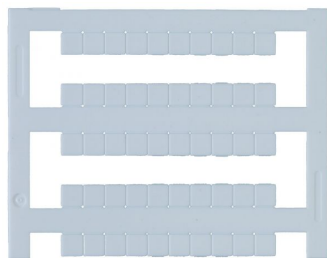


Cross-connector, No. of poles: 4, Mounting type: Can be screwed on, Width: 19.3 mm, Rated cross-section: 2.5 mm², Colour: natural

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2569.0	Q 4	4044211053598	20 PC

Quick-marking



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

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
4600.7	PMC SB 5/50 WH	4044211088903	500 PC

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Accessories

Screw driver



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

Insulation plate



Insulation plate, Colour: Beige

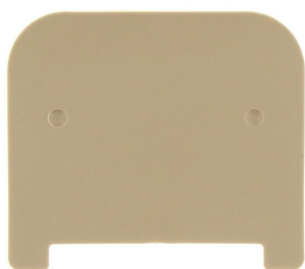
In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2566.2	TRS 3	4044211053567	100 PC

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Accessories

Partition plate



Partition plate, Width: 1.5 mm, Colour: Beige

In general

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