

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 | <u>1521.2</u> |
| 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 |

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 mm ² |
| Rated impulse voltage | 6 kV |
| Overvoltage category | III |
| Contamination degree | 3 |
| Maximum power dissipation for nominal condition | 1.02 W |

Connection data

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|--|---------------------|
| 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. | 6 mm ² |
| Wire cross-section stranded, min. | 0.2 mm ² |
| Wire cross-section stranded, max. | 6 mm ² |
| Wire cross-section stranded with wire-end ferrules, min. | 0.2 mm ² |
| Wire cross-section stranded with wire-end ferrules, max. | 4 mm ² |
| 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 |

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 | 2023-01-17 |
| REACH Candidate Substance Note | No |
| RoHS Conform | yes |

Approvals

Standards and regulations

| | |
|--------------|----------------|
| EAC approval | TR ZU 004/2011 |
|--------------|----------------|

CSA approval

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|--------------|--------------|
| CSA approval | C22.2 No 158 |
|--------------|--------------|

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|----------------------|-----|
| CSA approval granted | yes |
|----------------------|-----|

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|-------------------------------|-------|
| CSA Usegroup C: rated voltage | 600 V |
|-------------------------------|-------|

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|-------------------------------|------|
| CSA Usegroup C: rated current | 32 A |
|-------------------------------|------|

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|----------------------------------|----|
| CSA wire cross-section AWG, min. | 22 |
|----------------------------------|----|

| | |
|----------------------------------|----|
| CSA wire cross-section AWG, max. | 10 |
|----------------------------------|----|

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|----------------------|-------|
| CSA stripping length | 12 mm |
|----------------------|-------|

CSAus approval

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|----------------|---------|
| CSAus approval | UL 1059 |
|----------------|---------|

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|------------------------|-----|
| CSAus approval granted | yes |
|------------------------|-----|

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|---------------------------------|-------|
| CSAus Usegroup C: rated voltage | 600 V |
|---------------------------------|-------|

| | |
|---------------------------------|------|
| CSAus Usegroup C: rated current | 32 A |
|---------------------------------|------|

| | |
|------------------------------------|----|
| CSAus wire cross-section AWG, min. | 22 |
|------------------------------------|----|

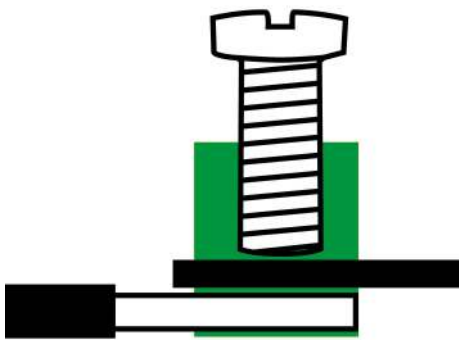
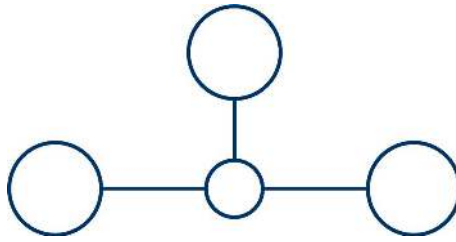
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| CSAus wire cross-section AWG, max. | 10 |
|------------------------------------|----|

| | |
|------------------------|-------|
| CSAus stripping length | 12 mm |
|------------------------|-------|

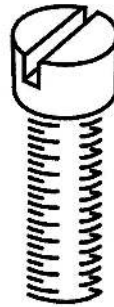
Data sheet

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Media



M3



Accessories

End plate



End plate, Width: 1.5 mm, Colour: Beige

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>2001.2</u> | 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 |
|----------------|---------------|---------------|----------------|
| <u>2828.0</u> | ES 35/K/ST BG | 4044211055547 | 50 |

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 |
|----------------|--------------|---------------|----------------|
| <u>2742.2</u> | 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 |
|----------------|--------------|---------------|----------------|
| <u>2743.2</u> | 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 |
|----------------|--------------|---------------|----------------|
| <u>2740.2</u> | QI 2 YE | 4044211054809 | 50 ST |

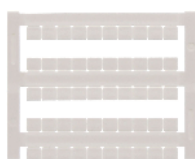
Insulated cross-connector



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 |
|----------------|--------------|---------------|----------------|
| <u>2741.2</u> | QI 3 YE | 4044211054816 | 50 ST |

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 |

Insulation plate



Insulation plate, Colour: Beige

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>2003.2</u> | TRS 1 BG | 4044211048068 | 100 |

Partition plate



Partition plate, Width: 1.5 mm, Colour: Beige

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>2002.2</u> | TW 2,5-10 BG | 4044211048044 | 50 |

Screwdriver



Screwdriver with bare blade, Colour: Black-grey

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>1086.0</u> | SDB 0,6x3,5 | 4044211014797 | 1 ST |