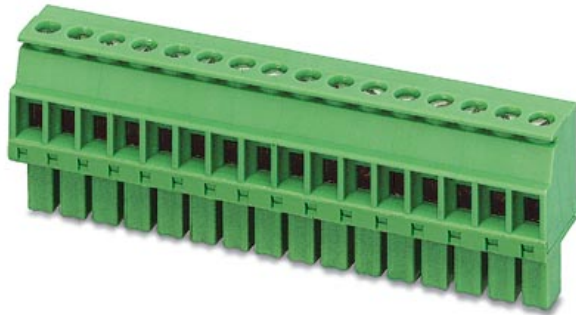


► General data



Plug component, nominal current: 8 A, rated voltage: 160 V, pitch: 3.5 mm, no. of positions: 5, type of connection: Screw connection

| | |
|--------------|--------------------|
| Order number | 1862881 |
| Type | MCVW 1,5/ 5-ST-3,5 |

| | |
|----------------|---------------|
| Barcode number | 4017918120696 |
| Unit pack | 50 Pcs. |
| Customs tariff | 85369010000 |

► Technical data

Dimensions / positions

| | |
|---------------------|---------|
| Height | 12.5 mm |
| Pitch | 3.5 mm |
| Dimension a | 14 mm |
| Number of positions | 5 |
| Screw thread | M 2 |
| Tightening torque | 0.22 Nm |

Technical data

| | |
|------------------------------------|--|
| Insulating material group | I |
| Rated surge voltage (III/3) | 2.5 kV |
| Rated surge voltage (III/2) | 2.5 kV |
| Rated surge voltage (II/2) | 2.5 kV |
| Rated voltage (III/2) | 160 V |
| Rated voltage (II/2) | 320 V |
| Connection in acc. with standard | EN-VDE |
| Nominal current I_N | 8 A |
| Nominal voltage U_N | 160 V |
| Nominal cross section | 1.5 mm ² |
| Maximum load current | 8 A (with 1.5 mm ² conductor cross section) |
| Insulating material | PA |
| Inflammability class acc. to UL 94 | V0 |
| Internal cylindrical gage | A 1 |
| Stripping length | 7 mm |

Connection data

| | |
|---|----------------------|
| Min. conductor cross section, rigid | 0.14 mm ² |
| Conductor cross section, rigid max. | 1.5 mm ² |
| Conductor cross section flexible min. | 0.14 mm ² |
| Max. conductor cross section, flexible | 1.5 mm ² |
| Min. conductor cross section, flexible, with ferrule with plastic sleeve | 0.25 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 1.5 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve min. | 0.25 mm ² |
| Max. conductor cross section, flexible, with ferrule with plastic sleeve | 0.5 mm ² |
| Min. conductor cross section AWG/kcmil | 28 |
| Conductor cross section AWG/kcmil max | 16 |
| 2 conductors with same cross section, solid min. | 0.08 mm ² |
| 2 conductors with same cross section, solid max. | 0.5 mm ² |
| 2 conductors of the same cross section, flexible, min. | 0.08 mm ² |
| 2 conductors with same cross section, flexible max. | 0.75 mm ² |
| 2 conductors of the same cross section, flexible, ferrules without plastic sleeve, min. | 0.25 mm ² |
| 2 conductors with identical cross section, flexible, ferrules with plastic sleeve, max. | 0.34 mm ² |
| 2 conductors of the same cross section, flexible, TWIN ferrules with plastic sleeve, min. | 0.5 mm ² |
| 2 conductors with identical cross section, flexible TWIN ferrules with plastic sleeve, max. | 0.5 mm ² |

► Certificates

UL

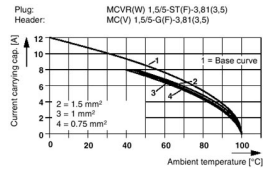
| | |
|-----------------------|-------|
| Nominal voltage U_N | 300 V |
| Nominal current I_N | 8 A |
| AWG/kcmil | 30-14 |

CUL

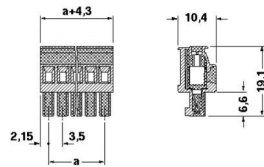
| | |
|-----------------------|-------|
| Nominal voltage U_N | 300 V |
| Nominal current I_N | 8 A |
| AWG/kcmil | 30-14 |

▸ Drawings

Diagram



Dimensioned drawing



Approval logo



► Accessories

| Item | Designation | Description |
|----------------|-------------------------|---|
| Marking | | |
| 1051993 | B-STIFT | Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm |
| 0804073 | SK 3,5/2,8:FORTL.ZAHLEN | Marker card, printed horizontally, self-adhesive, 10-section marker strip, 14 identical decades marked 1-10, 11-20 etc. up to 91-100, sufficient for 140 terminal blocks |
| 0805030 | SK 3,5/2,8:SO | Marker card, special printing, self-adhesive, labeled acc. to customer requirements, 14 identical marker strips per card, max. 25-position labeling per strip. |
| 0803883 | SK U/2,8 WH:UNBEDRUCKT | Unprinted marker cards, DIN A4 format, pitch as desired, self-adhesive, with 50 stamped marker strips, 185 mm strip length, can be labeled with the CMS system or manually with the M-PEN |
| <hr/> | | |
| Tools | | |
| 1205037 | SZS 0,4X2,5 | Screwdriver, bladed, matches all screw terminal blocks up to 1.5 mm ² connection cross section, blade: 0.4 x 2.5 mm |

► Additional products

| Item | Designation | Description |
|----------------|-------------------|---|
| General | | |
| 1897128 | EMC 1,5/ 5-G-3,5 | Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.5 mm, no. of positions: 5, mounting: press in |
| 1911046 | EMCV 1,5/ 5-G-3,5 | Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.5 mm, no. of positions: 5, mounting: press in |
| 1844249 | MC 1,5/ 5-G-3,5 | Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.5 mm, no. of positions: 5, mounting: Soldering |
| 1843635 | MCV 1,5/ 5-G-3,5 | Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.5 mm, no. of positions: 5, mounting: Soldering |

► Address

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