

**MCV 1,5/...-G-...**

Headers,  
plug-in direction vertical to the p.c.b.  
Pitch 3.5 or 3.81

|                 | I   | U   |
|-----------------|-----|-----|
|                 | [A] | [V] |
| Connection data | 8   | 160 |



| Description                                                                            | No. of positions                                                                        | Dim. a [mm] | Type                     | Order No.               | Pcs. Pkt. |
|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------|--------------------------|-------------------------|-----------|
| <b>Headers, 3.5 mm pitch,</b><br>with and without threaded<br>flange,<br>color: green, | 2                                                                                       | 3.5         | <b>MCV 1,5/2-G-3,5</b>   | <b>18 43 60 6</b>       | 50        |
|                                                                                        | 3                                                                                       | 7           | <b>MCV 1,5/3-G-3,5</b>   | <b>18 43 80 0</b>       |           |
|                                                                                        | 4                                                                                       | 10.5        | <b>MCV 1,5/4-G-3,5</b>   | <b>18 43 62 2</b>       |           |
|                                                                                        | 5                                                                                       | 14          | <b>MCV 1,5/5-G-3,5</b>   | <b>18 43 63 5</b>       |           |
|                                                                                        | 6                                                                                       | 17.5        | <b>MCV 1,5/6-G-3,5</b>   | <b>18 43 64 8</b>       |           |
|                                                                                        | 7                                                                                       | 21          | <b>MCV 1,5/7-G-3,5</b>   | <b>18 43 65 1</b>       |           |
|                                                                                        | 8                                                                                       | 24.5        | <b>MCV 1,5/8-G-3,5</b>   | <b>18 43 66 4</b>       |           |
|                                                                                        | 9                                                                                       | 28          | <b>MCV 1,5/9-G-3,5</b>   | <b>18 43 67 7</b>       |           |
|                                                                                        | 10                                                                                      | 31.5        | <b>MCV 1,5/10-G-3,5</b>  | <b>18 43 68 0</b>       |           |
|                                                                                        | 11                                                                                      | 35          | <b>MCV 1,5/11-G-3,5</b>  | <b>18 43 69 3</b>       |           |
|                                                                                        | 12                                                                                      | 38.5        | <b>MCV 1,5/12-G-3,5</b>  | <b>18 43 70 3</b>       |           |
|                                                                                        | 13                                                                                      | 42          | MCV 1,5/13-G-3,5         | 18 43 71 6              |           |
|                                                                                        | 14                                                                                      | 45.5        | <b>MCV 1,5/14-G-3,5</b>  | <b>18 43 72 9</b>       |           |
|                                                                                        | 15                                                                                      | 49          | MCV 1,5/15-G-3,5         | 18 43 73 2              |           |
|                                                                                        | 16                                                                                      | 52.5        | <b>MCV 1,5/16-G-3,5</b>  | <b>18 43 74 5</b>       |           |
|                                                                                        | 17                                                                                      | 56          | MCV 1,5/17-G-3,5         | 18 43 75 8              |           |
|                                                                                        | 18                                                                                      | 59.5        | MCV 1,5/18-G-3,5         | 18 43 76 1              |           |
|                                                                                        | 19                                                                                      | 63          | MCV 1,5/19-G-3,5         | 18 43 77 4              |           |
|                                                                                        | 20                                                                                      | 66.5        | MCV 1,5/20-G-3,5         | 18 43 78 7              |           |
|                                                                                        | <b>Headers, 3.81 mm pitch,</b><br>with and without threaded<br>flange,<br>color: green, | 2           | 3.81                     | <b>MCV 1,5/2-G-3,81</b> |           |
| 3                                                                                      |                                                                                         | 7.62        | <b>MCV 1,5/3-G-3,81</b>  | <b>18 03 43 9</b>       |           |
| 4                                                                                      |                                                                                         | 11.43       | <b>MCV 1,5/4-G-3,81</b>  | <b>18 03 44 2</b>       |           |
| 5                                                                                      |                                                                                         | 15.24       | <b>MCV 1,5/5-G-3,81</b>  | <b>18 03 45 5</b>       |           |
| 6                                                                                      |                                                                                         | 19.05       | <b>MCV 1,5/6-G-3,81</b>  | <b>18 03 46 8</b>       |           |
| 7                                                                                      |                                                                                         | 22.86       | <b>MCV 1,5/7-G-3,81</b>  | <b>18 03 47 1</b>       |           |
| 8                                                                                      |                                                                                         | 26.67       | <b>MCV 1,5/8-G-3,81</b>  | <b>18 03 48 4</b>       |           |
| 9                                                                                      |                                                                                         | 30.48       | <b>MCV 1,5/9-G-3,81</b>  | <b>18 03 49 7</b>       |           |
| 10                                                                                     |                                                                                         | 34.29       | <b>MCV 1,5/10-G-3,81</b> | <b>18 03 50 0</b>       |           |
| 11                                                                                     |                                                                                         | 38.10       | <b>MCV 1,5/11-G-3,81</b> | <b>18 03 51 3</b>       |           |

|    |       |                          |                   |
|----|-------|--------------------------|-------------------|
| 10 | 34.29 | <b>MCV 1,5/10-G-3,81</b> | <b>18 03 50 7</b> |
| 11 | 38.10 | <b>MCV 1,5/11-G-3,81</b> | <b>18 03 51 0</b> |
| 12 | 41.91 | <b>MCV 1,5/12-G-3,81</b> | <b>18 03 52 3</b> |
| 13 | 45.72 | MCV 1,5/13-G-3,81        | 18 03 53 6        |
| 14 | 49.53 | <b>MCV 1,5/14-G-3,81</b> | <b>18 03 54 9</b> |
| 15 | 53.34 | MCV 1,5/15-G-3,81        | 18 03 55 2        |
| 16 | 57.15 | <b>MCV 1,5/16-G-3,81</b> | <b>18 03 56 5</b> |
| 17 | 60.96 | MCV 1,5/17-G-3,81        | 18 44 89 6        |
| 18 | 64.77 | MCV 1,5/18-G-3,81        | 18 44 90 6        |
| 19 | 68.58 | MCV 1,5/19-G-3,81        | 18 44 91 9        |
| 20 | 72.39 | MCV 1,5/20-G-3,81        | 18 44 92 2        |

**Accessories**

(1) **Coding section**, is inserted into the slot on the header, red insulating material

**CP-MSTB****17 34 63 4** 100

(2) **Marker card**, with 14 pcs., 10-section marker strips, white, self-adhesive, for 140 terminal blocks

**SK 3,5/2,8 or SK 3,81/2,8**(see [info 1](#), [info 2](#))**Technical data****Dimensions**

see description

|                |             |            |
|----------------|-------------|------------|
| Pitch          | [mm]        | 3.5 / 3.81 |
| Pin dimensions | [mm] x [mm] | 0.8 x 0.8  |
| Hole diameter  | [mm]        | 1.2        |

**Technical data in accordance with IEC / DIN VDE**

|                                              |             |                |
|----------------------------------------------|-------------|----------------|
| Insulation material group                    | –           | IIIa           |
| Surge voltage category / contamination class | –/– III / 3 | III / 2 II / 2 |
| Rated voltage                                | [V] 160     | 160 250        |
| Rated surge voltage                          | [kV] 2.5    | 2.5 2.5        |
| Nominal current                              | [A]         | 8              |
| Maximum load current per position            | [A]         | 8              |

**Insulation material**

PBT

Inflammability class acc. to UL 94

V0

Temperature indices RTI/Ti

140/120

**Approval data (UL and CSA)**

|                                             |                      |             |
|---------------------------------------------|----------------------|-------------|
| Nominal voltage / current / conductor sizes | UL: [V] / [A] / AWG  | 300 / 8 / – |
|                                             | CSA: [V] / [A] / AWG | 300 / 8 / – |

**Fixing screws for<sup>1)</sup>**

self-tapping screw

MC 1,5/...-GF or MCV 1,5/...-GF

ISO 1481-ST 2.2x4.5 C or

ISO 7049-ST 2.2x4.5 C

<sup>1)</sup> Fastening with fixing screws only possible before the solder stage

**Note:**

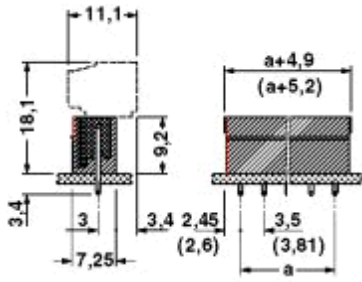
Only actuate MINI-COMBICON plug connectors when under no load condition. If for operating reasons small loads must be switched, experimental values are available on request.

**Articles printed in bold can be delivered at short notice.**

**Products with black or gray housing available on request.**

Drilling diagrams see [info](#).

**Dimensional drawing**



**Drilling diagram**

