# Base strip - MCV 1,5/ 7-G-3,81 - 1803471

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Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 7, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Assembly: Soldering

The figure shows a 10-position version of the product

## Why buy this product

- Versions with engagement noses for locking plugs with self-locking flanges
- Plug-in direction parallel and vertical to the PCB
- Low-profile pin strips with compact pitches
- Individual position coding by inserting coding profiles

## Key commercial data

| | |
|---|---|
| Packing unit | 100 pc |
| GTIN | 4 017918 045784 |
| Weight per Piece (excluding packing) | 2.0 g |
| Custom tariff number | 85366990 |
| Country of origin | Germany |

## Technical data

### Dimensions

| | |
|---|---|
| Length | 7.25 mm |
| Pitch | 3.81 mm |
| Dimension a | 22.86 mm |
| Pin dimensions | 0,8 x 0,8 mm |
| Hole diameter | 1.2 mm |

### General

| | |
|---|---|
| Range of articles | MCV 1,5/..-G |
| Insulating material group | IIIa |
| Rated surge voltage (III/3) | 2.5 kV |
| Rated surge voltage (III/2) | 2.5 kV |

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## Technical data

### General

| | |
|---|---|
| Rated surge voltage (II/2) | 2.5 kV |
| Rated voltage (III/3) | 160 V |
| Rated voltage (III/2) | 160 V |
| Rated voltage (II/2) | 250 V |
| Connection in acc. with standard | EN-VDE |
| Nominal current $I_N$ | 8 A |
| Maximum load current | 8 A |
| Insulating material | PBT |
| Inflammability class according to UL 94 | V0 |
| Color | green |
| Number of positions | 7 |

## Classifications

### eCl@ss

| | |
|---|---|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 27260701 |
| eCl@ss 5.0 | 27260701 |
| eCl@ss 5.1 | 27260701 |
| eCl@ss 6.0 | 27260704 |
| eCl@ss 7.0 | 27440402 |
| eCl@ss 8.0 | 27440402 |

### ETIM

| | |
|---|---|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC002637 |
| ETIM 5.0 | EC002637 |

### UNSPSC

| | |
|---|---|
| UNSPSC 6.01 | 30211810 |
| UNSPSC 7.0901 | 39121409 |
| UNSPSC 11 | 39121409 |
| UNSPSC 12.01 | 39121409 |
| UNSPSC 13.2 | 39121409 |

## Approvals

### Approvals

Approvals

CSA / UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / GOST / IECEE CB Scheme / GOST / CCA / cULus Recognized

# Base strip - MCV 1,5/ 7-G-3,81 - 1803471

## Approvals

Ex Approvals

Approvals submitted

## Approval details

CSA

| | B | D |
|---|---|---|
| Nominal current IN | 8 A | 8 A |
| Nominal voltage UN | 300 V | 300 V |

UL Recognized

| | B | D |
|---|---|---|
| Nominal current IN | 8 A | 8 A |
| Nominal voltage UN | 300 V | 300 V |

VDE Gutachten mit Fertigungsüberwachung

| | |
|---|---|
| Nominal current IN | 8 A |
| Nominal voltage UN | 160 V |

cUL Recognized

| | B | D |
|---|---|---|
| Nominal current IN | 8 A | 8 A |
| Nominal voltage UN | 300 V | 300 V |

GOST

# Base strip - MCV 1,5/ 7-G-3,81 - 1803471

## Approvals

IECEE CB Scheme

| | |
|---|---|
| Nominal current IN | 8 A |
| Nominal voltage UN | 160 V |

GOST

CCA

| | |
|---|---|
| Nominal current IN | 8 A |
| Nominal voltage UN | 160 V |

cULus Recognized

## Accessories

### Accessories

### Coding element

Coding profile - CP-MSTB - 1734634

Coding profile, is inserted into the slot on the plug or inverted header, red insulating material

### Labeled terminal marker

Marker cards - SK 3,81/2,8:FORTL.ZAHLEN - 0804109

Marker cards, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - (99)100, Mounting type: Adhesive, For terminal block width: 3.81 mm, Lettering field: 3.81 x 2.8 mm

### Marker pen

# Base strip - MCV 1,5/ 7-G-3,81 - 1803471

## Accessories

Marker pen - B-STIFT - 1051993

Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm

## Additional products

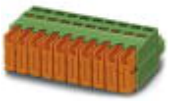
Printed-circuit board connector - MC 1,5/ 7-ST-3,81 - 1803620

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 7, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - FRONT-MC 1,5/ 7-ST-3,81 - 1850712

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 7, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - QC 0,5/ 7-ST-3,81 - 1897445



Plug component, Nominal current: 6 A, Rated voltage (III/2): 200 V, Number of positions: 7, Pitch: 3.81 mm, Connection method: Insulation displacement connection QUICKON, Color: green, Contact surface: Tin

Base strip - IMCV 1,5/ 7-G-3,81 - 1875470

Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 7, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Assembly: Soldering

# Base strip - MCV 1,5/ 7-G-3,81 - 1803471

## Accessories

Base strip - IMC 1,5/ 7-G-3,81 - 1862629

Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 7, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Assembly: Soldering

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Printed-circuit board connector - MCC 1/ 7-STZ-3,81 - 1852228

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 7, Pitch: 3.81 mm, Connection method: Crimp connection, Color: green, Corresponding female crimp contacts with current [A] and conductor cross section range [mm²] data: 5A/MCC-MT 0,2-0,35 (1859988); 8A/MCC-MT 0,5-1,0 (1859991)

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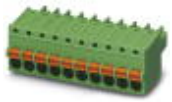
Printed-circuit board connector - FK-MCP 1,5/ 7-ST-3,81 - 1851096



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 7, Pitch: 3.81 mm, Connection method: Spring-cage connection, Color: green, Contact surface: Tin

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Printed-circuit board connector - MCVR 1,5/ 7-ST-3,81 - 1827172

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 7, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

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Printed-circuit board connector - MCVW 1,5/ 7-ST-3,81 - 1827020

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 7, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

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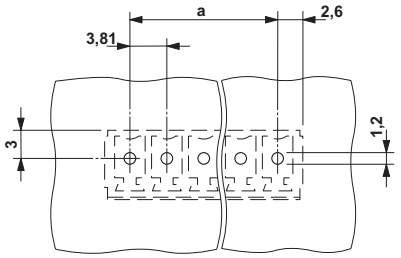
## Drawings

# Base strip - MCV 1,5/ 7-G-3,81 - 1803471

Drilling diagram




Dimensioned drawing