

Base strip - MCD 1,5/ 5-G1F-3,81 - 1842940

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Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Mounting: Soldering, In combination with MCV plug components, both an MCVW and an MCVR plug must be used.

The figure shows a 10-pos. version with 20 contacts

Product Features

- Low-profile double-level pin strips with high contact density
- Plug-in direction parallel to the PCB



Key Commercial Data

| | |
|--------------------------------------|----------|
| Packing unit | 1 pc |
| Weight per Piece (excluding packing) | 9.31 g |
| Custom tariff number | 85366990 |
| Country of origin | Germany |

Technical data

Dimensions

| | |
|--------------------------|--------------|
| Length | 21.9 mm |
| Pitch | 3.81 mm |
| Dimension a | 15.24 mm |
| Width | 29.44 mm |
| Constructional height | 22.7 mm |
| Height | 26.2 mm |
| Length of the solder pin | 3.5 mm |
| Pin dimensions | 0,8 x 0,8 mm |
| Hole diameter | 1.2 mm |

General

| | |
|-------------------|-----------------|
| Range of articles | MCD 1,5/...-G1F |
|-------------------|-----------------|

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Technical data

General

| | |
|--|--------|
| 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/3) | 160 V |
| 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 |
| Maximum load current | 8 A |
| Insulating material | PA |
| Flammability rating according to UL 94 | V0 |
| Color | green |
| Number of positions | 5 |

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 |

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Approvals

Approvals


Approvals


CSA / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / IEC60335-1 / CCA / EAC / cULus Recognized


Ex Approvals

Approvals submitted

Approval details

| | | |
|--|-------|-------|
| CSA  | | |
| | 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 |

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Approvals

| | |
|--------------------------------|-------|
| IECEE CB Scheme | |
| Nominal current I _N | 8 A |
| Nominal voltage U _N | 160 V |

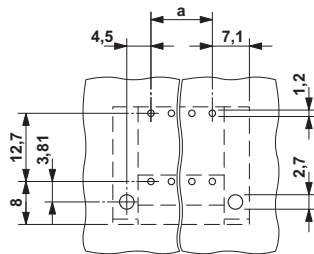
| | |
|--------------------------------|-------|
| CCA | |
| Nominal current I _N | 8 A |
| Nominal voltage U _N | 160 V |

| | |
|-----|--|
| EAC | |
|-----|--|

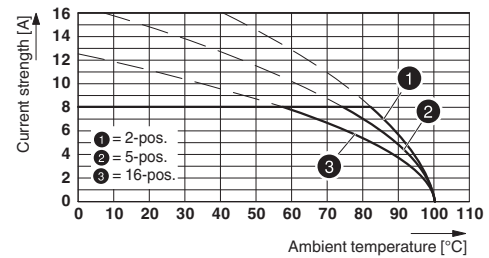
| | | |
|--------------------------------|-------|-------|
| cULus Recognized | | |
| | B | D |
| Nominal current I _N | 8 A | 8 A |
| Nominal voltage U _N | 300 V | 300 V |

Drawings

Drilling diagram



Diagram



Type: MC 1,5/...-STF-3,81 with MCD 1,5/...-G1F-3,81

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Dimensional drawing

