

## Base strip - IPC 16/ 5-GU-10,16 - 1969881

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Header, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 5, Pitch: 10.16 mm, Color: green, Contact surface: Silver, Assembly: Soldering, Plug direction parallel to the PCB: connector part rotated by 180° with respect to the plug axis.



### Product Features

- Inverted IPC 16 headers for implementing a touch-proof PCB output or a PCB/PCB connection (in combination with PC 6-16 base strips)
- PCB-SHIELD shroud (EMC connection)



### Key commercial data

|                                      |   |
|--------------------------------------|---|
| Packing unit                         | 1 pc  |
| Minimum order quantity               | 50 pc   |
| GTIN                                 | <br>4 017918 948634 |
| Weight per Piece (excluding packing) | 19.38 GRM   |
| Custom tariff number                 | 85366990  |
| Country of origin                    | Poland  |

### Technical data

#### Dimensions

|                |           |
|----------------|-----------|
| Length         | 32.1 mm   |
| Pitch          | 10.16 mm  |
| Dimension a    | 40.64 mm  |
| Pin dimensions | 0,8 x 1,2 |
| Pin spacing    | 10.16 mm  |
| Hole diameter  | 1.7 mm    |

#### General

|                   |              |
|-------------------|--------------|
| Range of articles | IPC 16/...GU |
|-------------------|--------------|

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### Technical data

#### General

|   |        |
|---|--------|
| Insulating material group               | I      |
| Rated surge voltage (III/3)             | 8 kV   |
| Rated surge voltage (III/2)             | 8 kV   |
| Rated surge voltage (II/2)              | 8 kV   |
| Rated voltage (III/3)                   | 1000 V |
| Rated voltage (III/2)                   | 1000 V |
| Rated voltage (II/2)                    | 1000 V |
| Nominal current I <sub>N</sub>          | 76 A   |
| Maximum load current                    | 76 A   |
| Insulating material                     | PA     |
| Inflammability class 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

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#### Approvals

UL Recognized / SEV / cUL Recognized / CCA / GOST / GOST / cULus Recognized

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#### Ex Approvals

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#### Approvals submitted

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### Approval details

|  |       |       |       |
|--|-------|-------|-------|
| UL Recognized  |       |       |       |
|  | B     | C     | D     |
| Nominal current IN   | 66 A  | 66 A  | 5 A   |
| Nominal voltage UN   | 300 V | 300 V | 600 V |

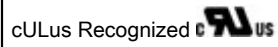
|                    |        |
|--------------------|--------|
| SEV                |        |
|                    |        |
| Nominal current IN | 76 A   |
| Nominal voltage UN | 1000 V |

|  |       |       |       |
|--|-------|-------|-------|
| cUL Recognized  |       |       |       |
|  | B     | C     | D     |
| Nominal current IN   | 66 A  | 66 A  | 5 A   |
| Nominal voltage UN   | 300 V | 300 V | 600 V |

|                    |        |
|--------------------|--------|
| CCA                |        |
|                    |        |
| Nominal current IN | 76 A   |
| Nominal voltage UN | 1000 V |

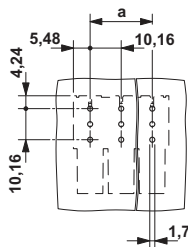
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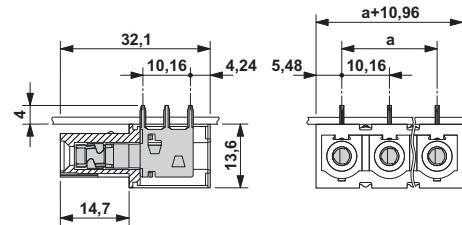
## Drawings

Drilling diagram



The illustration shows the 3-pos. version

Dimensioned drawing



The illustration shows the 3-pos. version