



**Automatización Eléctrica**  
Especialistas en Automatización

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## Base strip - EMCV 1,5/16-GF-3,5 - 1911305

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Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 16, Pitch: 3.5 mm, Color: green, Contact surface: Tin, Mounting: Press-in technology



The figure shows a 10-position version of the product

### Why buy this product

- Press-in tools available on request
- Pin strips with ERNI-PRESS flexible press-in zone
- Plug-in direction horizontal and vertical to the PCB
- Processing according to EN 60352-5



### Key Commercial Data

|              |                     |
|--------------|---------------------|
| Packing unit | 50 STK              |
| GTIN         | <br>4 017918 176051 |

### Technical data

#### Dimensions

|                          |              |
|--------------------------|--------------|
| Length                   | 7.25 mm      |
| Pitch                    | 3.50 mm      |
| Dimension a              | 52.5 mm      |
| Constructional height    | 10 mm        |
| Length of the solder pin | 3.8 mm       |
| Pin dimensions           | 0,8 x 0,8 mm |
| Hole diameter            | 1.45 mm      |

#### General

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

# Base strip - EMCV 1,5/16-GF-3,5 - 1911305

## Technical data

### General

|  |        |
|--|--------|
| 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)                   | 250 V  |
| Connection in acc. with standard       | EN-VDE |
| Nominal current I <sub>N</sub>         | 8 A    |
| Maximum load current                   | 8 A    |
| Insulating material                    | PBT    |
| Flammability rating according to UL 94 | V0     |
| Color                                  | green  |
| Number of positions                    | 16     |

### Standards and Regulations

|  |        |
|--|--------|
| Connection in acc. with standard       | EN-VDE |
|  | CUL    |
| Flammability rating according to UL 94 | V0     |

## 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 |
| eCl@ss 9.0 | 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 |

# Base strip - EMCV 1,5/16-GF-3,5 - 1911305

## Approvals

Approvals

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Approvals

EAC / cULus Recognized

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Ex Approvals

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Approvals submitted

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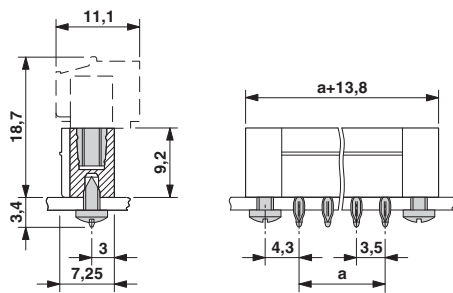
## Approval details

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

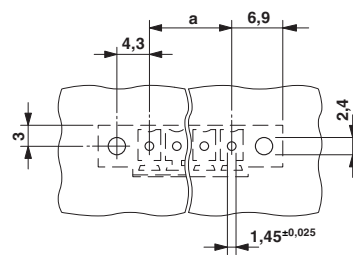
|                                |       |       |
|--------------------------------|-------|-------|
| cULus Recognized               |       |       |
|                                | B     | D     |
| Nominal current I <sub>N</sub> | 8 A   | 8 A   |
| Nominal voltage U <sub>N</sub> | 300 V | 300 V |

## Drawings

Dimensional drawing

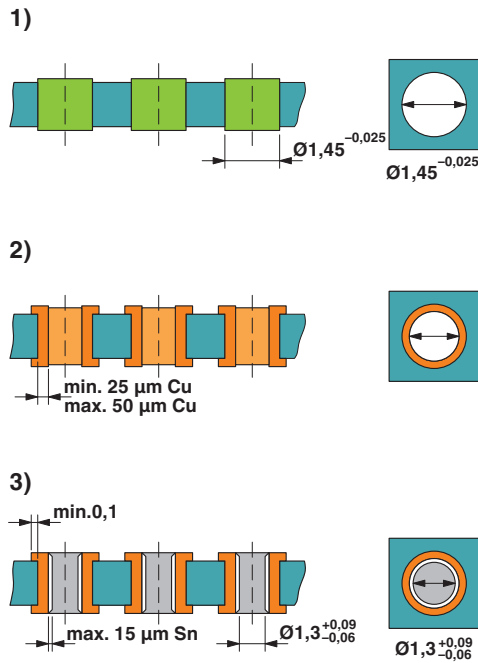


Drilling diagram



## Base strip - EMCV 1,5/16-GF-3,5 - 1911305

### Drilling diagram



Drill hole layout in FR4 or EP-GC basic material

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PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>



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| Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 16, Pitch: 3.5 mm, Color: green, Contact surface: Tin, Mounting: Press-in | 1911305     | EMCV 1,5/16-GF-3,5 | <a href="#">Buy on EAN</a> |