

Header - IPCV 16/ 6-G-10,16 - 1969739

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)

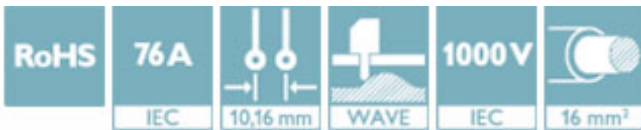


PCB headers, nominal current: 76 A, rated voltage (III/2): 1000 V, number of positions: 6, pitch: 10.16 mm, color: green, contact surface: Silver, mounting: Wave soldering


The figure shows a 5-pos. version of the product

Why buy this product

- ✓ Well-known mounting principle allows worldwide use
- ✓ Maximum flexibility when it comes to device design – one header for connectors with different connection technologies
- ✓ Inverted header with socket contacts for touch-proof device outputs or PCB/PCB connections
- ✓ Integrated double steel spring provides additional safety in the event of temperature and power fluctuations



Key Commercial Data

| | |
|--------------|---|
| Packing unit | 50 STK |
| GTIN |  4 017918 946753 |
| GTIN | 4017918946753 |

Technical data

Dimensions

| | |
|--------------------------|-----------|
| Length [l] | 13.6 mm |
| Pitch | 10.16 mm |
| Dimension a | 50.8 mm |
| Width [w] | 61.76 mm |
| Constructional height | 32.1 mm |
| Height [h] | 36.1 mm |
| Length of the solder pin | 4 mm |
| Pin dimensions | 0,8 x 1,2 |
| Pin spacing | 10.16 mm |
| Hole diameter | 1.7 mm |

General

Header - IPCV 16/ 6-G-10,16 - 1969739

Technical data

General

| | |
|--|--------------|
| Range of articles | IPCV 16/..-G |
| 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_N | 76 A |
| Maximum load current | 76 A |
| Insulating material | PA |
| Flammability rating according to UL 94 | V0 |
| Color | green |
| Number of positions | 6 |

Standards and Regulations

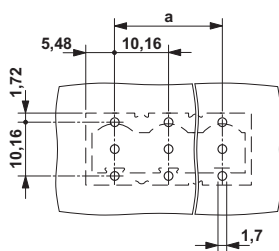
| | |
|--|-----|
| Connection in acc. with standard | CUL |
| Flammability rating according to UL 94 | V0 |

Environmental Product Compliance

| | |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
| | No hazardous substances above threshold values |

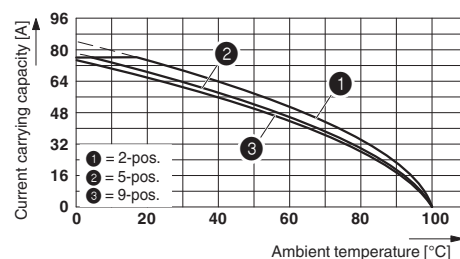
Drawings

Drilling diagram



The figure shows the 3-pos. version

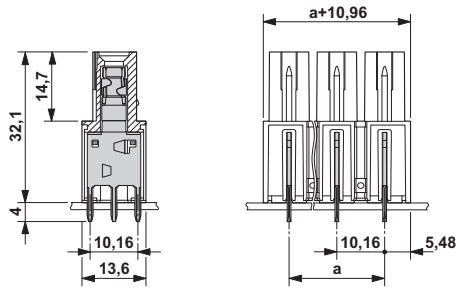
Diagram



Derating curve for: ISPC 16/..-ST-10,16 with IPCV 16/..-G-10,16

Header - IPCV 16/ 6-G-10,16 - 1969739

Dimensional drawing



The figure shows the 3-pos. version

Approvals

Approvals

Approvals

SEV / IECCEB Scheme / EAC / cULus Recognized

Ex Approvals

Approval details


| | | | |
|-----------------------|--|---|---------|
| SEV | | https://www.electrosuisse.ch/en/meta/shop/product-certificates.html | IK-3431 |
| Nominal current I_N | | 76 A | |
| Nominal voltage U_N | | 1000 V | |

| | | | |
|-----------------------|--|---|---------|
| IECCEB Scheme | | http://www.iecee.org/ | CH-8077 |
| Nominal current I_N | | 76 A | |
| Nominal voltage U_N | | 1000 V | |

| | | | |
|-----|--|---------|--|
| EAC | | B.01742 | |
|-----|--|---------|--|

Header - IPCV 16/ 6-G-10,16 - 1969739

Approvals

| | | | |
|--------------------------------|---|---|-----------------|
| cULus Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | E60425-20040202 |
| | B | C | D |
| Nominal current I _N | 66 A | 66 A | 5 A |
| Nominal voltage U _N | 300 V | 300 V | 600 V |

Phoenix Contact 2018 © - all rights reserved
<http://www.phoenixcontact.com>

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