

Base strip - PC 6-16/ 2-G1F-10,16 - 1999000

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Header, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 2, 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
- ✔ Screwable flange for superior mechanical stability
- ✔ Maximum flexibility when it comes to device design – one header for connectors with different connection technologies



Key Commercial Data

|                        |                                                                                                         |
|------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit           | 50 STK                                                                                                  |
| Minimum order quantity | 50 STK                                                                                                  |
| GTIN                   | <br>4 046356 038508 |
| GTIN                   | 4046356038508                                                                                           |
| Custom tariff number   | 8536901900                                                                                              |
| Sales Key              | AABEBA                                                                                                  |

Technical data

Dimensions

|                          |            |
|--------------------------|------------|
| Length                   | 34 mm      |
| Pitch                    | 10.16 mm   |
| Dimension a              | 10.16 mm   |
| Constructional height    | 17.4 mm    |
| Height                   | 13.4 mm    |
| Length of the solder pin | 4 mm       |
| Pin dimensions           | 1 x 1,2 mm |
| Pin spacing              | 10.16 mm   |
| Hole diameter            | 1.7 mm     |

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Technical data

General

|                                        |                                           |
|----------------------------------------|-------------------------------------------|
| Range of articles                      | PC 6-16/..-G1F                            |
| Insulating material group              | I                                         |
| Rated surge voltage (III/3)            | 8 kV                                      |
| Rated surge voltage (III/2)            | 8 kV                                      |
| Rated surge voltage (II/2)             | 6 kV                                      |
| Rated voltage (III/3)                  | 1000 V                                    |
| Rated voltage (III/2)                  | 1000 V                                    |
| Rated voltage (II/2)                   | 1000 V                                    |
| Connection in acc. with standard       | EN-VDE                                    |
| Nominal current I <sub>N</sub>         | 76 A (41 A in combination with PC 6 plug) |
| Maximum load current                   | 76 A (41 A in combination with PC 6 plug) |
| Insulating material                    | PA                                        |
| Flammability rating according to UL 94 | V0                                        |
| Color                                  | green                                     |
| Number of positions                    | 2                                         |

General information

|      |                                                                                                                                                                                          |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Note | In accordance with IEC 61984, COMBICON connectors have no switching power (COC). During designated use, they must not be plugged in or disconnected when carrying voltage or under load. |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

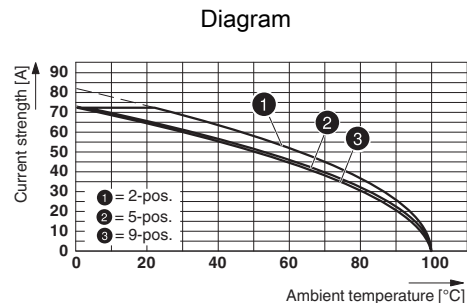
Standards and Regulations

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

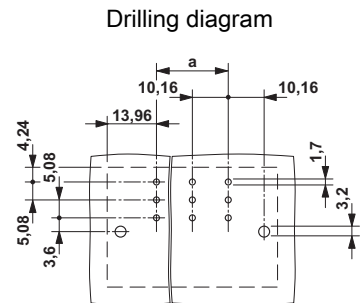
Environmental Product Compliance

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

Drawings

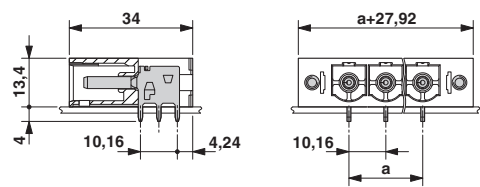


Type: PC 16/...-STF-10,16 with PC 6-16/...-G1F-10,16



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Dimensional drawing



Approvals

Approvals

|                                                                                 |
|---------------------------------------------------------------------------------|
| Approvals                                                                       |
| UL Recognized / SEV / cUL Recognized / IECCE CB Scheme / EAC / cULus Recognized |

Ex Approvals

Approval details

|                    |                                                                                     |                                                                                                                                                       |              |
|--------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| UL Recognized      |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | FILE E 60425 |
|                    | B                                                                                   | C                                                                                                                                                     | D            |
| Nominal current IN | 66 A                                                                                | 66 A                                                                                                                                                  | 5 A          |
| Nominal voltage UN | 300 V                                                                               | 300 V                                                                                                                                                 | 600 V        |

|                    |                                                                                     |                                                                                                                                                       |         |
|--------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| SEV                |  | <a href="https://www.electrosuisse.ch/en/meta/shop/product-certificates.html">https://www.electrosuisse.ch/en/meta/shop/product-certificates.html</a> | IK-3431 |
|                    |                                                                                     |                                                                                                                                                       |         |
| Nominal current IN |                                                                                     | 76 A                                                                                                                                                  |         |
| Nominal voltage UN |                                                                                     | 1000 V                                                                                                                                                |         |

|                    |                                                                                     |                                                                                                                                                       |              |
|--------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| cUL Recognized     |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | FILE E 60425 |
|                    | B                                                                                   | C                                                                                                                                                     | D            |
| Nominal current IN | 66 A                                                                                | 66 A                                                                                                                                                  | 5 A          |
| Nominal voltage UN | 300 V                                                                               | 300 V                                                                                                                                                 | 600 V        |

<https://www.phoenixcontact.com/cn/products/1999000>

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### Approvals

|                                |                                                                                   |                                                           |         |
|--------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------|---------|
| IECEE CB Scheme                |  | <a href="http://www.iecee.org/">http://www.iecee.org/</a> | CH-8077 |
| Nominal current I <sub>N</sub> |                                                                                   | 76 A                                                      |         |
| Nominal voltage U <sub>N</sub> |                                                                                   | 1000 V                                                    |         |

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

|                  |                                                                                   |                                                                                                                                                       |
|------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| cULus Recognized |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> |
|------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|

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