

## Base strip - PC 4/ 6-G-7,62 - 1804836

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Header, Nominal current: 20 A, Rated voltage (III/2): 630 V, Number of positions: 6, Pitch: 7.62 mm, Color: green, Contact surface: Tin, Assembly: Soldering, Mounting flange: Accessory Order No. 1827570

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

### Why buy this product

- PCB-SHIELD shroud for a professional EMC shield connection
- Vibration-resistant connection by means of separate BF-PC 4 mounting flanges (also for screw connection in the device)
- PC 4 headers for use in combination with all PC 4 plugs
- CP-PC RD keying profiles as protection against mismatching



### Key commercial data

|                        |   |
|------------------------|---|
| Packing unit           | 1   |
| Minimum order quantity | 50  |
| Catalog page           | Page 422 (CC-2011)  |
| GTIN                   | <br>4 017918 046279 |
| Custom tariff number   | 85366990  |
| Country of origin      | GERMANY   |

### Technical data

#### Dimensions / positions

|                     |            |
|---------------------|------------|
| Length              | 29 mm      |
| Pitch               | 7.62 mm    |
| Dimension a         | 38.1 mm    |
| Number of positions | 6          |
| Pin dimensions      | 1 x 0,8 mm |
| Hole diameter       | 1.3 mm     |

#### Technical data

|                             |           |
|-----------------------------|-----------|
| Range of articles           | PC 4/..-G |
| Insulating material group   | I         |
| Rated surge voltage (III/3) | 6 kV      |

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### Technical data

#### Technical data

|   |        |
|---|--------|
| Rated surge voltage (III/2)             | 6 kV   |
| Rated surge voltage (II/2)              | 6 kV   |
| Rated voltage (III/2)                   | 630 V  |
| Rated voltage (II/2)                    | 630 V  |
| Connection in acc. with standard        | EN-VDE |
| Nominal current I <sub>N</sub>          | 20 A   |
| Nominal voltage U <sub>N</sub>          | 400 V  |
| Maximum load current                    | 20 A   |
| Insulating material                     | PA     |
| Inflammability class according to UL 94 | V0     |
| Color                                   | green  |
| Nominal voltage, UL/CUL Use Group B     | 300 V  |
| Nominal current, UL/CUL Use Group B     | 20 A   |
| Nominal voltage, UL/CUL Use Group C     | 300 V  |
| Nominal current, UL/CUL Use Group C     | 20 A   |

### Classifications

#### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC002637 |
| ETIM 5.0 | EC002637 |

#### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 11     | 39121409 |
| UNSPSC 12.01  | 39121409 |
| UNSPSC 13.2   | 39121409 |
| UNSPSC 6.01   | 30211810 |
| UNSPSC 7.0901 | 39121409 |

#### 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 |

### Approvals

#### Approvals

# Base strip - PC 4/ 6-G-7,62 - 1804836

## Approvals


Approvals


CSA / UL Recognized / cUL Recognized / GOST / LR / GL / BV / DNV / RS / GOST / cULus Recognized


Ex Approvals

Approvals submitted

## Approval details

|   |       |       |
|---|-------|-------|
| CSA  |       |       |
|   | B     | C     |
| Nominal current IN  | 20 A  | 20 A  |
| Nominal voltage UN  | 300 V | 300 V |

|   |       |       |
|---|-------|-------|
| UL Recognized  |       |       |
|   | B     | C     |
| Nominal current IN  | 20 A  | 20 A  |
| Nominal voltage UN  | 300 V | 300 V |

|  |       |       |
|--|-------|-------|
| cUL Recognized  |       |       |
|  | B     | C     |
| Nominal current IN   | 20 A  | 20 A  |
| Nominal voltage UN   | 300 V | 300 V |

|  |  |  |
|--|--|--|
| GOST  |  |  |
|--|--|--|

|                    |       |
|--------------------|-------|
| LR                 |       |
|                    |       |
| Nominal current IN | 20 A  |
| Nominal voltage UN | 400 V |

# Base strip - PC 4/ 6-G-7,62 - 1804836

## Approvals

|                                |       |
|--------------------------------|-------|
| GL                             |       |
|                                |       |
| Nominal current I <sub>N</sub> | 20 A  |
| Nominal voltage U <sub>N</sub> | 400 V |

BV

DNV

RS

GOST

cULus Recognized

## Accessories

Accessories

Assembly

Accessories - BF-PC 4 - 1827570



Mounting flange, is snapped onto the left and right of the headers, for screw connection with PC 4/...-STF-7.62

## Marking

Marker cards - SK 7,62/3,8:FORTL.ZAHLEN - 0804549



Marker cards, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 100, Mounting type: Adhesive, For terminal block width: 7.62 mm

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### Accessories

Marker cards - SK U/3,8 WH:UNBEDRUCKT - 0803906



Marker cards, Sheet, white, Unlabeled, Can be labeled with: Plotter, Office-Drucksysteme, Mounting type: Adhesive

Marker pen - B-STIFT - 1051993



Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm

### Plug/Adapter

Coding profile - CP-HCC 4 - 1600027



Coding profile, Color: red

### Additional products

Printed-circuit board connector - PC 4 HV/ 6-STF-7,62 - 1880119



Plug component, Nominal current: 20 A, Rated voltage (III/2): 1000 V, Number of positions: 6, Pitch: 7.62 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - PC 4/ 6-STF-7,62 - 1828281



Plug component, Nominal current: 20 A, Rated voltage (III/2): 630 V, Number of positions: 6, Pitch: 7.62 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

# Base strip - PC 4/ 6-G-7,62 - 1804836

## Accessories

### Printed-circuit board connector - PCC 4/ 6-ST-7,62 - 1840159



Plug component, Nominal current: 20 A, Rated voltage (III/2): 1000 V, Number of positions: 6, Pitch: 7.62 mm, Connection method: Crimp connection, Color: green, Corresponding female crimp contacts with current [A] and conductor cross section range [mm<sup>2</sup>] data: 13,5A/STG-MTN 0,5-1,0 (3190438); 13,5A/STG-MTN 0,5-1,0 BA (3190629); 20A/STG-MTN 1,5-2,5 (3190506); 20A/STG-MTN 1,5-2,5 BA (3190632). BA = Taped contacts

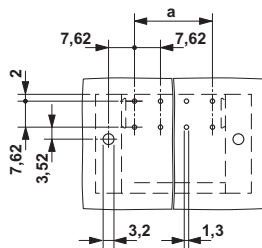
### Printed-circuit board connector - PC 4/ 6-ST-7,62 - 1804946



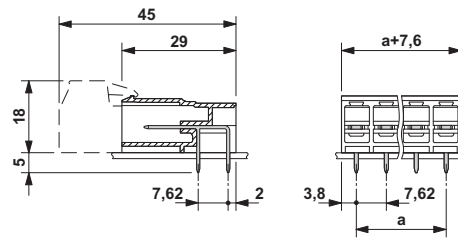
Plug component, Nominal current: 20 A, Rated voltage (III/2): 630 V, Number of positions: 6, Pitch: 7.62 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

## Drawings

### Drilling diagram

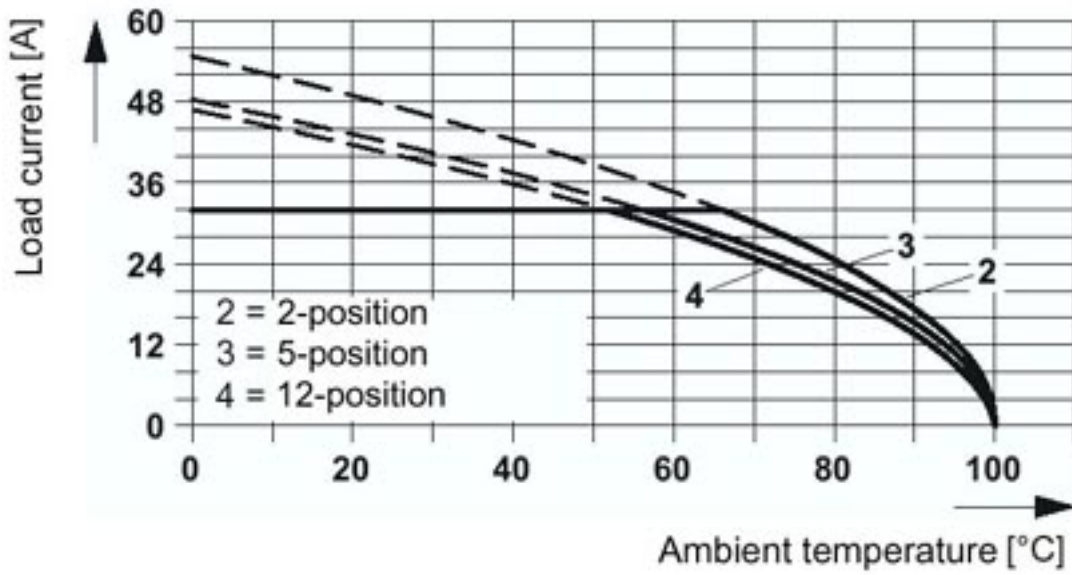


### Dimensioned drawing



## Base strip - PC 4/ 6-G-7,62 - 1804836

Diagram



The illustration shows the derating curve for plugs PC 5/...-ST-7,62 in combination with header PC 4/...-G-7,62.