

## Base strip - PC 4/ 9-G-7,62 - 1804865

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Header, Nominal current: 20 A, Rated voltage (III/2): 630 V, Number of positions: 9, Pitch: 7.62 mm, Color: green, Contact surface: Tin, Mounting: 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)
- ✓ CP-PC RD coding profiles as protection against mismatching
- ✓ PC 4 headers for use in combination with all PC 4 plugs



### Key Commercial Data

Packing unit	50 pc
GTIN	 4 017918 046309
Weight per Piece (excluding packing)	15.48 g
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### Dimensions

Length	29 mm
Pitch	7.62 mm
Dimension a	60.96 mm
Width	68.56 mm
Constructional height	15 mm
Height	20 mm
Length of the solder pin	5 mm
Pin dimensions	1 x 0,8 mm
Hole diameter	1.3 mm

#### General

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### Technical data

#### General

Range of articles	PC 4/..-G
Insulating material group	I
Rated surge voltage (III/3)	6 kV
Rated surge voltage (III/2)	6 kV
Rated surge voltage (II/2)	6 kV
Rated voltage (III/3)	400 V
Rated voltage (III/2)	630 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	20 A
Maximum load current	20 A
Insulating material	PA
Flammability rating according to UL 94	V0
Color	green
Number of positions	9

### 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

### Approvals

#### Approvals

# Base strip - PC 4/ 9-G-7,62 - 1804865

## Approvals

Approvals

CSA / UL Recognized / cUL Recognized / LR / GL / BV / DNV / RS / EAC / 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

LR	
Nominal current IN	20 A
Nominal voltage UN	400 V

GL	
Nominal current IN	20 A

## Base strip - PC 4/ 9-G-7,62 - 1804865

### Approvals


Nominal voltage UN	400 V
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BV
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DNV
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RS
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EAC
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cULus Recognized 
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### Accessories

#### Accessories

#### Coding element

Coding profile - CP-PC RD - 1701967



Coding profile, for plugging into the coding ribs of the plug at a later date, insulating material, color: Red

#### Flange

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

Accessories - POWERCOMBICON PCB-SHIELD - 1968387



## Base strip - PC 4/ 9-G-7,62 - 1804865

### Accessories

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#### Additional products

Printed-circuit board connector - PC 4/ 9-STF-7,62 - 1828317



Plug component, Nominal current: 20 A, Rated voltage (III/2): 630 V, Number of positions: 9, Pitch: 7.62 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

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Printed-circuit board connector - PCC 4/ 9-ST-7,62 - 1840120



Plug component, Nominal current: 20 A, Rated voltage (III/2): 1000 V, Number of positions: 9, 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

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Printed-circuit board connector - PC 4/ 9-ST-7,62 - 1804975



Plug component, Nominal current: 20 A, Rated voltage (III/2): 630 V, Number of positions: 9, Pitch: 7.62 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

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Printed-circuit board connector - PC 4 HV/ 9-STF-7,62 - 1880148



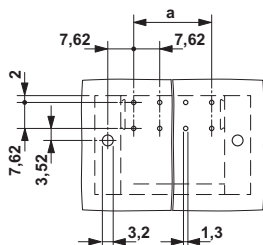
Plug component, Nominal current: 20 A, Rated voltage (III/2): 1000 V, Number of positions: 9, Pitch: 7.62 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

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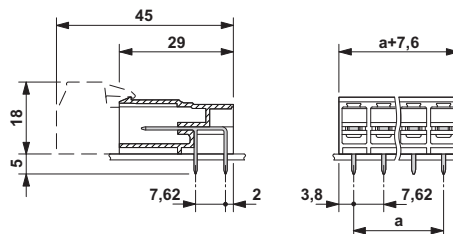
### Drawings

# Base strip - PC 4/ 9-G-7,62 - 1804865

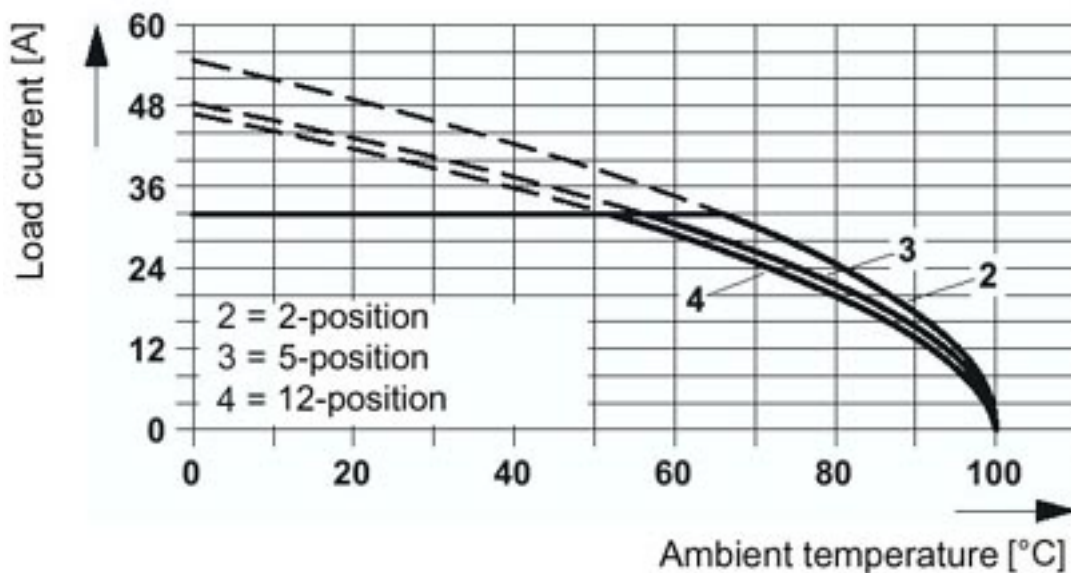
Drilling diagram



Dimensional drawing



Diagram



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