

# Header - PC 4/ 2-G-7,62 - 1804797

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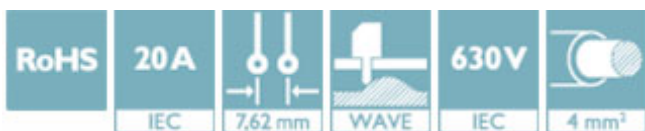
Header, nominal current: 20 A, rated voltage (III/2): 630 V, number of positions: 2, pitch: 7.62 mm, Color: green, contact surface: Tin, mounting: Wave soldering, Mounting flange: Accessory Order No. 1827570




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

## Why buy this product

- Well-known mounting principle allows worldwide use



## Key Commercial Data

Packing unit	50 STK
Minimum order quantity	50 STK
GTIN	 4 017918 046231
GTIN	4017918046231
Weight per Piece (excluding packing)	3.500 g
Custom tariff number	85366930
Country of origin	Germany

## Technical data

### Dimensions

Length [ l ]	29 mm
Pitch	7.62 mm
Dimension a	7.62 mm
Width [ w ]	15.22 mm
Constructional height	14.25 mm
Height [ h ]	19.25 mm
Length of the solder pin	5 mm
Pin dimensions	1 x 0,8 mm
Hole diameter	1.3 mm

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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	2

### Standards and Regulations

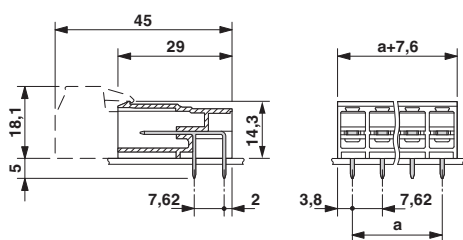
Connection in acc. with standard	EN-VDE
	CSA
Flammability rating according to UL 94	V0

### Environmental Product Compliance

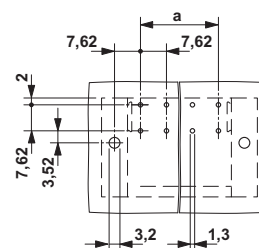
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

## Drawings

Dimensional drawing

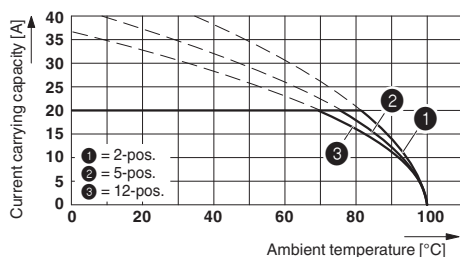


Drilling diagram



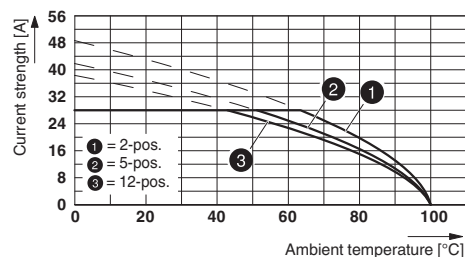
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Diagram



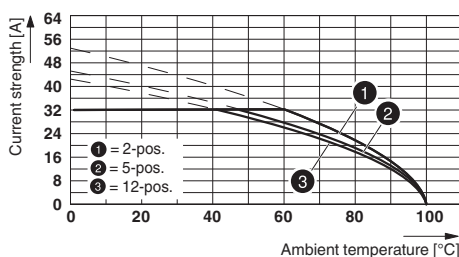
Derating curve for: PC 4/...-ST-7,62 with PC 4/...-G-7,62

Diagram



Derating curve for: PC 5/...-ST1-7,62 with PC 4/...-G-7,62  
Conductor cross section: 4 mm<sup>2</sup>

Diagram



Derating curve for: PC 5/...-ST1-7,62 with PC 4/...-G-7,62  
Conductor cross section: 6 mm<sup>2</sup>

## 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
ETIM 6.0	EC002637

### UNSPSC

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409

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## Classifications

### UNSPSC

UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

## Approvals


### Approvals


#### Approvals


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


#### Ex Approvals

### Approval details

CSA		13631
	B	C
Nominal current IN	20 A	20 A
Nominal voltage UN	300 V	300 V

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	
Nominal current IN	20 A	20 A	
Nominal voltage UN	300 V	300 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	
Nominal current IN	20 A	20 A	
Nominal voltage UN	300 V	300 V	

LR		<a href="http://www.lr.org/en">http://www.lr.org/en</a>	96/20012
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## Approvals

BV		<a href="http://www.veristar.com/portal/veristarinfo/generalinfo/approved/approvedProducts/equipmentAndMaterials">http://www.veristar.com/portal/veristarinfo/generalinfo/approved/approvedProducts/equipmentAndMaterials</a>	35433/AO BV
RS		<a href="http://www.rs-head.spb.ru/en/index.php">http://www.rs-head.spb.ru/en/index.php</a>	10.04059.250
EAC			B.01742
DNV GL		<a href="http://exchange.dnv.com/tari/">http://exchange.dnv.com/tari/</a>	TAE00001EZ
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>	

## 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

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### Accessories

Accessories - POWERCOMBICON PCB-SHIELD - 1968387



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### Additional products

Printed-circuit board connector - PC 4/ 2-ST-7,62 - 1804904



Plug component, nominal current: 20 A, rated voltage (III/2): 630 V, number of positions: 2, pitch: 7.62 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin

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Printed-circuit board connector - PCC 4/ 2-ST-7,62 - 1840191



Plug component, nominal current: 20 A, rated voltage (III/2): 1000 V, number of positions: 2, 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 HV/ 2-ST-7,62 - 1848892



Plug component, nominal current: 20 A, rated voltage (III/2): 1000 V, number of positions: 2, pitch: 7.62 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin