

Base strip - PC 4/ 5-G-7,62 - 1804823

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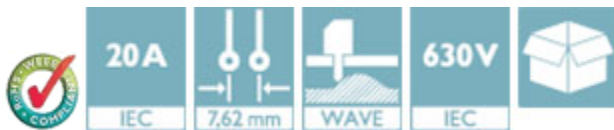


Header, Nominal current: 20 A, Rated voltage (III/2): 630 V, Number of positions: 5, Pitch: 7.62 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering, Mounting flange: Accessory Order No. 1827570

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

Product Features

- 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 coding profiles as protection against mismatching



Key Commercial Data

Packing unit	1 pc
GTIN	
Weight per Piece (excluding packing)	10.94 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Length	29 mm
Pitch	7.62 mm
Dimension a	30.48 mm
Width	38.08 mm
Constructional height	14.3 mm

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Technical data

Dimensions

Height	20 mm
Length of the solder pin	5 mm
Pin dimensions	1 x 0,8 mm
Hole diameter	1.3 mm

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	5

Standards and Regulations

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

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

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Classifications

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


Approvals


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

Ex Approvals

Approvals submitted

Approval details


CSA 		
	B	C
Nominal current I _N	20 A	20 A
Nominal voltage U _N	300 V	300 V

UL Recognized 		
	B	C
Nominal current I _N	20 A	20 A

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Approvals

	B	C
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

GL


BV

DNV

RS

EAC

EAC

cULus Recognized 

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

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Accessories

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



Additional products

Printed-circuit board connector - PC 4/ 5-ST-7,62 - 1804933



Plug component, Nominal current: 20 A, Rated voltage (III/2): 630 V, Number of positions: 5, Pitch: 7.62 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Printed-circuit board connector - PCC 4/ 5-ST-7,62 - 1840162



Plug component, Nominal current: 20 A, Rated voltage (III/2): 1000 V, Number of positions: 5, Pitch: 7.62 mm, Connection method: Crimp connection, Color: green, Corresponding female crimp contacts with current [A] and conductor cross section range [mm²] 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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Accessories

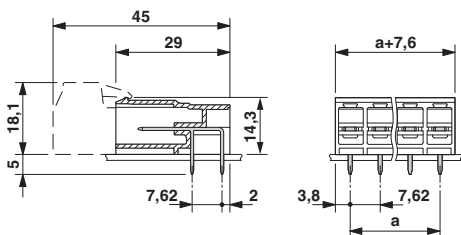
Printed-circuit board connector - PC 4 HV/ 5-ST-7,62 - 1880025



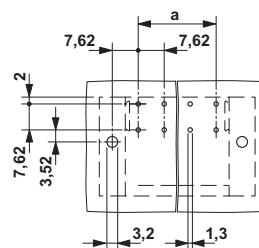
Plug component, Nominal current: 20 A, Rated voltage (III/2): 1000 V, Number of positions: 5, Pitch: 7.62 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Drawings

Dimensional drawing



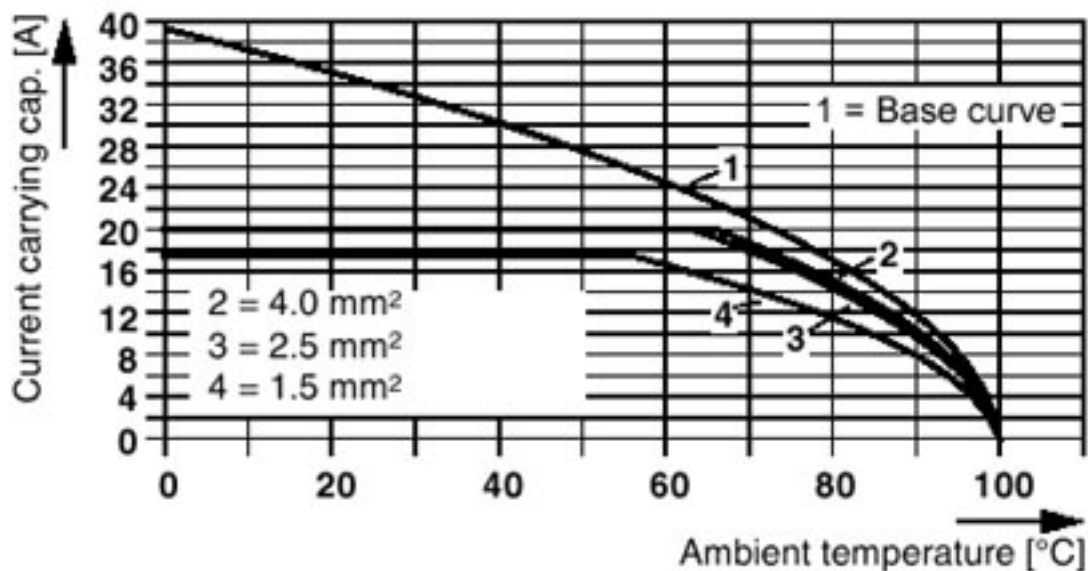
Drilling diagram



Diagram

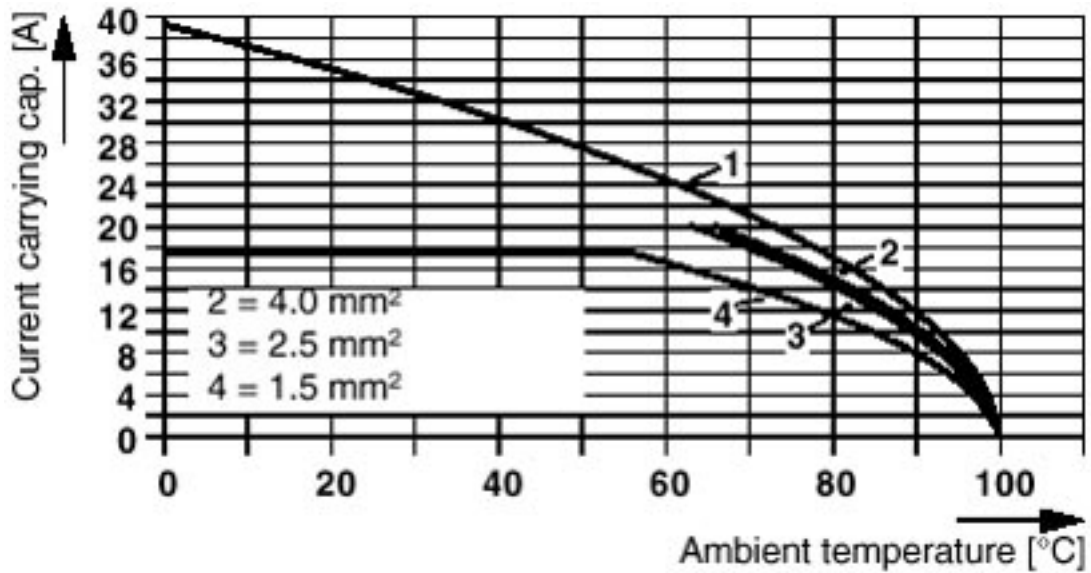
Plug:
Header:

PC 4/5-ST(F)-7,62
PC(V) 4/5-G-7,62



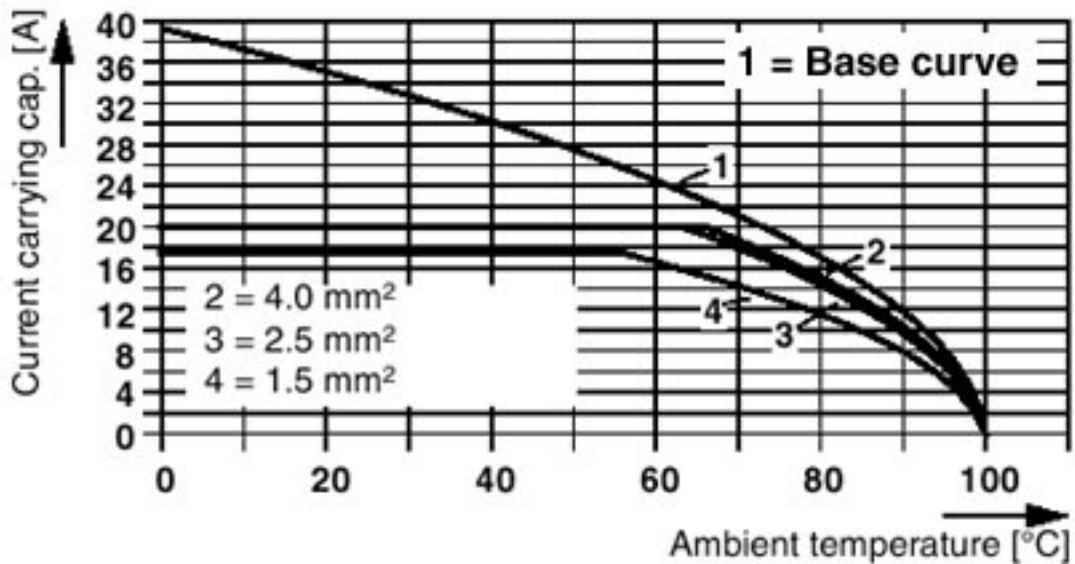
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Diagram



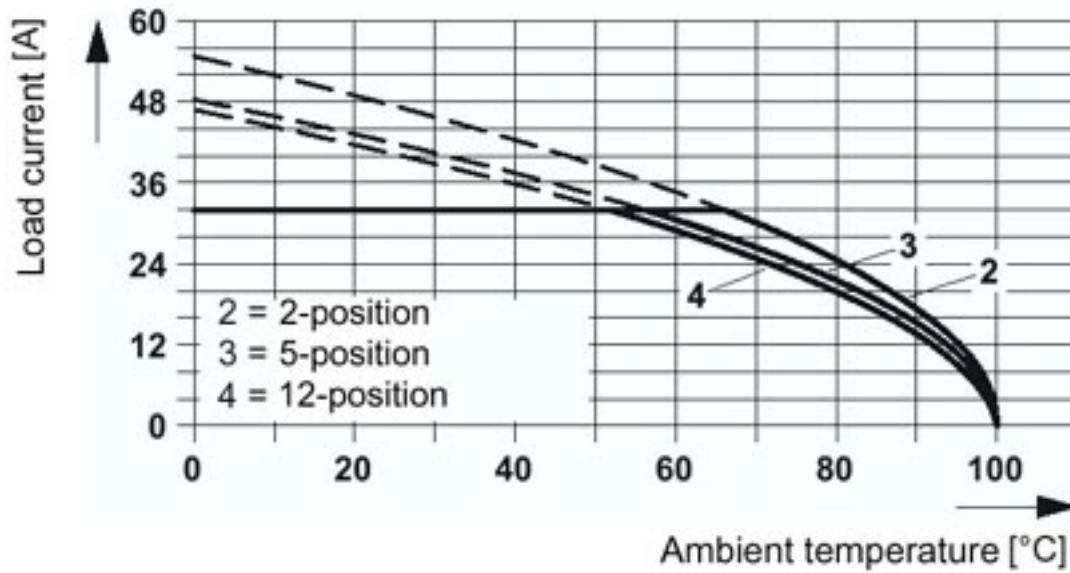
Diagram

Plug: PC 4 HV/5-ST(F)-7,62
Header: PC(V) 4/5-G-7,62



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Diagram



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

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