

Base strip - PC 4/ 7-G-7,62 - 1804849

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://download.phoenixcontact.com>)

Header, Nominal current: 20 A, Rated voltage (III/2): 630 V, Number of positions: 7, 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

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	 4 017918 046286
Weight per Piece (excluding packing)	14.91 GRM
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Length	29 mm
Pitch	7.62 mm
Dimension a	45.72 mm
Pin dimensions	1 x 0,8 mm
Hole diameter	1.3 mm

General

Base strip - PC 4/ 7-G-7,62 - 1804849

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
Inflammability class according to UL 94	V0
Color	green
Number of positions	7

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

Base strip - PC 4/ 7-G-7,62 - 1804849

Approvals

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 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
Nominal voltage U _N	300 V	300 V

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

GOST 		
------------------------------------------------------------------------------------------	--	--

Base strip - PC 4/ 7-G-7,62 - 1804849

Approvals

LR	
Nominal current IN	20 A
Nominal voltage UN	400 V

GL	
Nominal current IN	20 A
Nominal voltage UN	400 V

BV

DNV

RS

GOST

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



Flange

Base strip - PC 4/ 7-G-7,62 - 1804849

Accessories

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

Labeled terminal marker

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, Lettering field: 7.62 x 3.8 mm

Marker pen

Marker pen - B-STIFT - 1051993



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

Terminal marking

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



Marker cards, Sheet, white, Unlabeled, Can be labeled with: Plotter, Office printing systems, Mounting type: Adhesive, Lettering field: 186 x 3.8 mm

Additional products

Base strip - PC 4/ 7-G-7,62 - 1804849

Accessories

Printed-circuit board connector - PC 4/ 7-STF-7,62 - 1828294



Plug component, Nominal current: 20 A, Rated voltage (III/2): 630 V, Number of positions: 7, Pitch: 7.62 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - PCC 4/ 7-ST-7,62 - 1840146



Plug component, Nominal current: 20 A, Rated voltage (III/2): 1000 V, Number of positions: 7, 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

Printed-circuit board connector - PC 4/ 7-ST-7,62 - 1804959



Plug component, Nominal current: 20 A, Rated voltage (III/2): 630 V, Number of positions: 7, Pitch: 7.62 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - PC 4 HV/ 7-STF-7,62 - 1880122

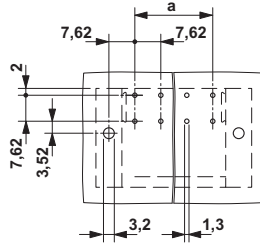


Plug component, Nominal current: 20 A, Rated voltage (III/2): 1000 V, Number of positions: 7, Pitch: 7.62 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

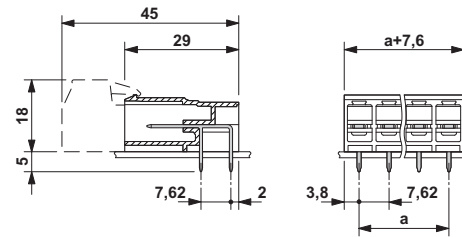
Drawings

Base strip - PC 4/ 7-G-7,62 - 1804849

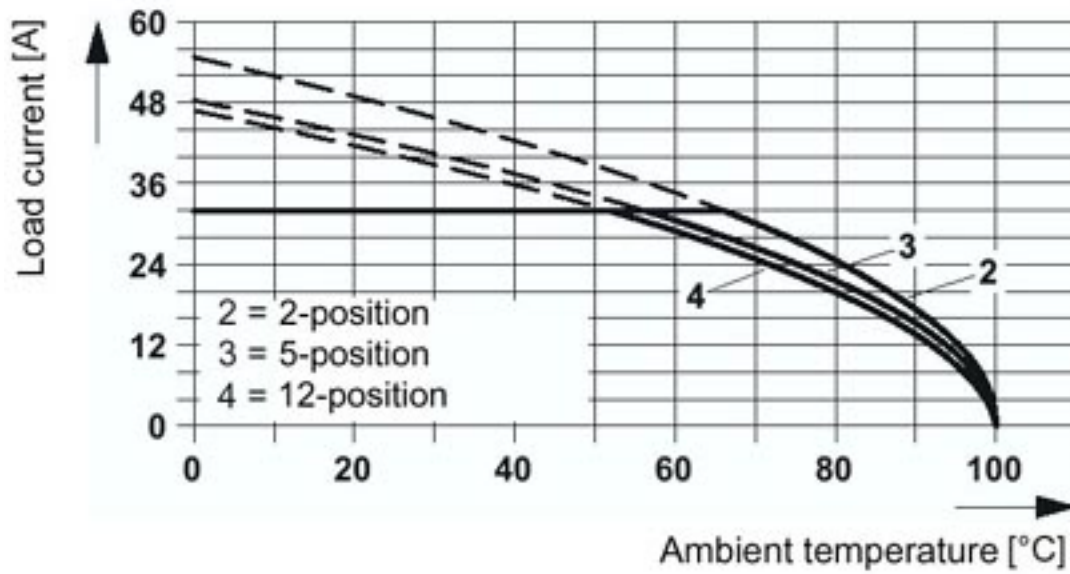
Drilling diagram



Dimensioned drawing



Diagram



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