Base strip - PCV 6-16/ 6-G1F-10,16 - 1998904

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://phoenixcontact.com/download)

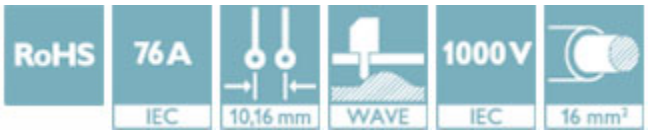


The figure shows a 5-pos. version of the product

Header, nominal current: 76 A, rated voltage (III/2): 1000 V, number of positions: 6, pitch: 10.16 mm, color: green, contact surface: Silver, mounting: Wave soldering

Why buy this product

- Well-known mounting principle allows worldwide use
- Screwable flange for superior mechanical stability
- Maximum flexibility when it comes to device design – one header for connectors with different connection technologies



Key Commercial Data

Packing unit	1 STK
Minimum order quantity	50 STK
GTIN	4 046356 038409
GTIN	4046356038409
Weight per Piece (excluding packing)	30.950 g
Custom tariff number	85366930
Country of origin	Poland

Technical data

Dimensions

Length [l]	13.4 mm
Pitch	10.16 mm
Dimension a	50.8 mm
Width [w]	64 mm

Base strip - PCV 6-16/ 6-G1F-10,16 - 1998904

Technical data

Dimensions

Constructional height	34 mm
Height [h]	38 mm
Length of the solder pin	4 mm
Pin dimensions	1 x 1.2 mm
Pin spacing	10.16 mm
Hole diameter	1.7 mm

General

Range of articles	PCV 6-16/..-G1F
Insulating material group	I
Rated surge voltage (III/3)	6 kV
Rated surge voltage (III/2)	8 kV
Rated surge voltage (II/2)	8 kV
Rated voltage (III/3)	1000 V
Rated voltage (III/2)	1000 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	76 A (41 A in combination with PC 6 plug)
Maximum load current	76 A (41 A in combination with PC 6 plug)
Insulating material	PA
Flammability rating according to UL 94	V0
Color	green
Number of positions	6

Standards and Regulations

Connection in acc. with standard	EN-VDE
	CUL
Flammability rating according to UL 94	V0
Note	In accordance with IEC 61984, COMBICON connectors have no switching power (COC). During designated use, they must not be plugged in or disconnected when carrying voltage or under load.

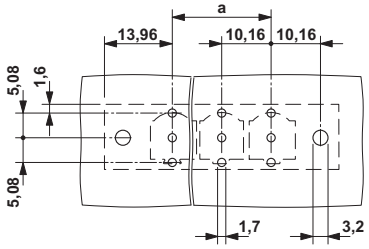
Environmental Product Compliance

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

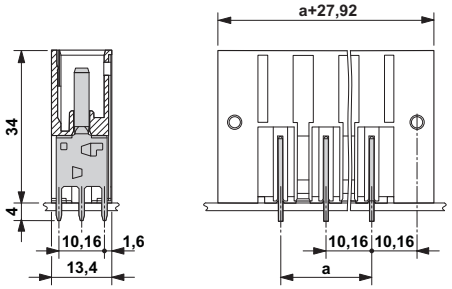
Drawings

Base strip - PCV 6-16/ 6-G1F-10,16 - 1998904

Drilling diagram



Dimensional drawing



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
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

Approvals

Approvals

Approvals

SEV / IECEE CB Scheme / EAC / cULus Recognized

Base strip - PCV 6-16/ 6-G1F-10,16 - 1998904

Approvals

Ex Approvals

Approval details

SEV		https://www.electrosuisse.ch/en/meta/shop/product-certificates.html	IK-3431

Nominal current IN	76 A
Nominal voltage UN	1000 V

IECEE CB Scheme		http://www.iecee.org/	CH-8077

Nominal current IN	76 A
Nominal voltage UN	1000 V

EAC		B.01742

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-20040202

	B	C	D
Nominal current IN	66 A	66 A	5 A
Nominal voltage UN	300 V	300 V	600 V

Accessories

Accessories

Coding element

Base strip - PCV 6-16/ 6-G1F-10,16 - 1998904

Accessories

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

Mounting material

Accessories - DFK-PC 16-SS - 1705449



Screw set for DFK-PC 16... connectors

Additional products

Printed-circuit board connector - SPC 16/ 6-STF-10,16 - 1711417



Plug component, nominal current: 76 A, rated voltage (III/2): 1000 V, number of positions: 6, pitch: 10.16 mm, connection method: Push-in spring connection, color: green, contact surface: Silver

Printed-circuit board connector - TPC 16/ 6-STF-10,16 - 1715293



Plug component, nominal current: 76 A, rated voltage (III/2): 1000 V, number of positions: 6, pitch: 10.16 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Silver

Printed-circuit board connector - PC 6/ 6-STF-10,16 - 1913617



Plug component, nominal current: 41 A, rated voltage (III/2): 1000 V, number of positions: 6, pitch: 10.16 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Silver

Base strip - PCV 6-16/ 6-G1F-10,16 - 1998904

Accessories

Printed-circuit board connector - PC 16/ 6-STF-10,16 - 1967498



Plug component, nominal current: 76 A, rated voltage (III/2): 1000 V, number of positions: 6, pitch: 10.16 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Silver

Phoenix Contact 2018 © - all rights reserved
http://www.phoenixcontact.com