

## Base strip - SMC 1,5/16-GF-3,81 - 1827567

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>)

Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 16, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Mounting: Soldering




The figure shows a 10-position version of the product

### Why buy this product

- Versions with engagement noses for locking plugs with self-locking flanges
- Low-profile pin strips with compact pitches



### Key commercial data

Packing unit	50 pc
GTIN	 4 017918 114664
Weight per Piece (excluding packing)	5.12 g
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### Dimensions

Length	13.1 mm
Pitch	3.81 mm
Dimension a	57.15 mm
Pin dimensions	0,8 x 0,8 mm
Hole diameter	1.2 mm

#### General

Range of articles	SMC 1,5/...-GF
Insulating material group	I
Rated surge voltage (III/3)	2.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV
Rated voltage (III/3)	160 V

# Base strip - SMC 1,5/16-GF-3,81 - 1827567

## Technical data

### General

Rated voltage (III/2)	160 V
Rated voltage (II/2)	320 V
Connection in acc. with standard	EN-VDE
Nominal current I <sub>N</sub>	8 A
Maximum load current	8 A
Insulating material	PA
Inflammability class according to UL 94	V0
Color	green
Number of positions	16

## 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

---

### Approvals

CSA / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / IECCEB Scheme / UL Recognized / CCA / EAC / cULus Recognized

---

# Base strip - SMC 1,5/16-GF-3,81 - 1827567

## Approvals

Ex Approvals

Approvals submitted

## Approval details

CSA

	B	D
Nominal current IN	8 A	8 A
Nominal voltage UN	300 V	300 V

VDE Gutachten mit Fertigungsüberwachung

Nominal current IN	8 A
Nominal voltage UN	160 V

cUL Recognized

	B	D
Nominal current IN	8 A	8 A
Nominal voltage UN	300 V	300 V

IECEE CB Scheme

Nominal current IN	8 A
Nominal voltage UN	160 V

UL Recognized

	B	D
Nominal current IN	8 A	8 A
Nominal voltage UN	300 V	300 V

# Base strip - SMC 1,5/16-GF-3,81 - 1827567

## Approvals

CCA	
Nominal current I <sub>N</sub>	8 A
Nominal voltage U <sub>N</sub>	160 V

EAC
-----



## Accessories

Accessories

Coding element

Coding profile - CP-MSTB - 1734634

Coding profile, is inserted into the slot on the plug or inverted header, red insulating material



## Labeled terminal marker

Marker card - SK 3,81/2,8:FORTL.ZAHLEN - 0804109



Marker card, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - (99)100, Mounting type: Adhesive, for terminal block width: 3.81 mm, Lettering field: 3.81 x 2.8 mm

## Additional products

Printed-circuit board connector - MCC 1/16-STZF-3,81 - 1852503

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 16, Pitch: 3.81 mm, Connection method: Crimp connection, Color: green, Corresponding female crimp contacts with current [A] and conductor cross section range [mm<sup>2</sup>] data: 5A/MCC-MT 0,2-0,35 (1859988); 8A/MCC-MT 0,5-1,0 (1859991)



## Base strip - SMC 1,5/16-GF-3,81 - 1827567

### Accessories

#### Printed-circuit board connector - MC 1,5/16-STF-3,81 - 1827842

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 16, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin



#### Printed-circuit board connector - MCVR 1,5/16-STF-3,81 - 1828485

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 16, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin



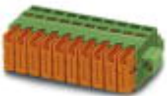
#### Printed-circuit board connector - MCVW 1,5/16-STF-3,81 - 1828634

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 16, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin



#### Printed-circuit board connector - QC 0,5/16-STF-3,81 - 1897681

Plug component, Nominal current: 6 A, Rated voltage (III/2): 200 V, Number of positions: 16, Pitch: 3.81 mm, Connection method: Insulation displacement connection QUICKON, Color: green, Contact surface: Tin



#### Printed-circuit board connector - FK-MCP 1,5/16-STF-3,81 - 1851371

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 16, Pitch: 3.81 mm, Connection method: Spring-cage connection, Color: green, Contact surface: Tin



# Base strip - SMC 1,5/16-GF-3,81 - 1827567

## Accessories

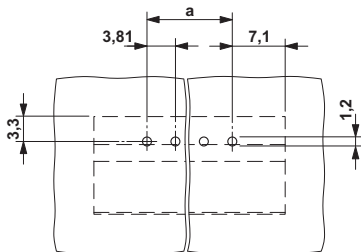
Printed-circuit board connector - FRONT-MC 1,5/16-STF-3,81 - 1850990

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 16, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

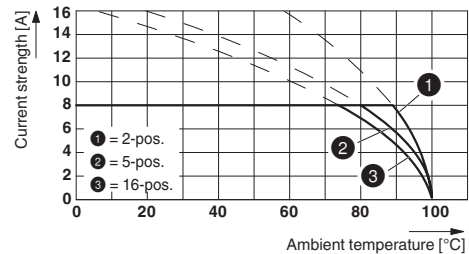


## Drawings

Drilling diagram



Diagram



Type: FRONT-MC 1,5/...-STF-3,81 with SMC 1,5/...-GF-3,81

Dimensioned drawing

