

## Base strip - IMC 1,5/ 2-G-3,81 - 1862577

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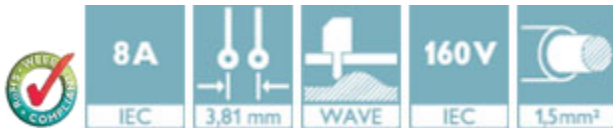
Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 2, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering




The figure shows a 10-position version of the product

### Product Features

- Well-known mounting principle allows worldwide use
- Inverted header with socket contacts for touch-proof device outputs or PCB/PCB connections



### Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
GTIN	 4 017918 133573
Weight per Piece (excluding packing)	0.85 g
Custom tariff number	85366990
Country of origin	Poland

### Technical data

#### Dimensions

Length	14.5 mm
Pitch	3.81 mm
Dimension a	3.81 mm
Constructional height	7 mm
Height	6.85 mm
Length of the solder pin	3.4 mm

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### Technical data

#### Dimensions

Pin dimensions	1,12 mm
Pin spacing	2.54 mm
Hole diameter	1.2 mm

#### General

Range of articles	IMC 1,5/..-G
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
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
Flammability rating according to UL 94	V0
Color	green
Number of positions	2

#### Standards and Regulations

Connection in acc. with standard	EN-VDE
	CUL
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


VDE Gutachten mit Fertigungsüberwachung / IECEx CB Scheme / CCA / EAC / cULus Recognized / EAC

#### Ex Approvals

#### Approvals submitted

### Approval details

VDE Gutachten mit Fertigungsüberwachung 	
Nominal current IN	8 A
Nominal voltage UN	160 V

IECEE CB Scheme 	
Nominal current IN	8 A

## Base strip - IMC 1,5/ 2-G-3,81 - 1862577

### Approvals

Nominal voltage UN	160 V
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CCA	
Nominal current IN	8 A
Nominal voltage UN	160 V

EAC
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cULus Recognized		
	B	D
Nominal current IN	8 A	8 A
Nominal voltage UN	300 V	300 V

EAC
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### Accessories

#### Accessories

##### 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

Base strip - MCDV 1,5/ 2-G1-3,81 - 1847725



Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 2, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering, In combination with MCV plug components, both an MCVW and an MCVR plug must be used.

## Base strip - IMC 1,5/ 2-G-3,81 - 1862577

### Accessories

#### Base strip - MCDV 1,5/ 2-G-3,81 - 1830402



Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 2, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering, In combination with MCV plug components, both an MCVW and an MCVR plug must be used.

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#### Base strip - MCD 1,5/ 2-G1-3,81 - 1843075



Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 2, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering, In combination with MCV plug components, both an MCVW and an MCVR plug must be used.

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#### Base strip - MCD 1,5/ 2-G-3,81 - 1829950



Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 2, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering, In combination with MCV plug components, both an MCVW and an MCVR plug must be used.

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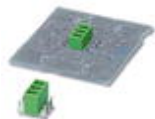
#### Printed-circuit board connector - IMC 1,5/ 2-ST-3,81 - 1857883



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

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#### Base strip - MCVDU 1,5/ 2-G-3,81 - 1837450



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

## Base strip - IMC 1,5/ 2-G-3,81 - 1862577

### Accessories

#### Base strip - MCV 1,5/ 2-G-3,81 - 1803426



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

#### Base strip - MC 1,5/ 2-G-3,81 - 1803277



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

#### Base strip - MC 1,5/ 2-G-3,81 THT - 1908761



Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 2, Pitch: 3.81 mm, Color: black, Contact surface: Tin, Mounting: THR soldering, User information and design recommendations for through hole reflow technology can be found under "Downloads"

#### Base strip - SMC 1,5/ 2-G-3,81 - 1827279



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

#### Base strip - EMCV 1,5/ 2-G-3,81 - 1860647



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

# Base strip - IMC 1,5/ 2-G-3,81 - 1862577

## Accessories

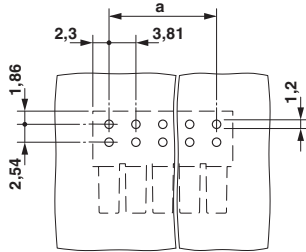
Base strip - EMC 1,5/ 2-G-3,81 - 1897801

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

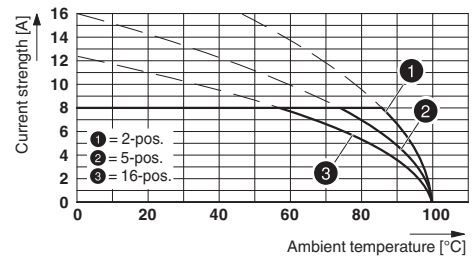


## Drawings

Drilling diagram

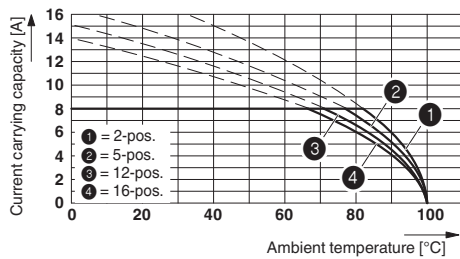


Diagram

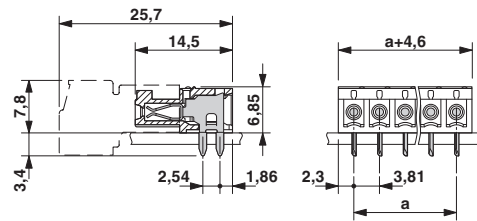


Type: IMC 1,5/...-G-3,81 with MC 1,5/...-G-3,81

Diagram



Dimensional drawing



Type: IMC 1,5/...-ST-3,81 with IMC 1,5/...-G-3,81

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