

Base strip - IMC 1,5/ 5-G-3,81 - 1862603

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>)

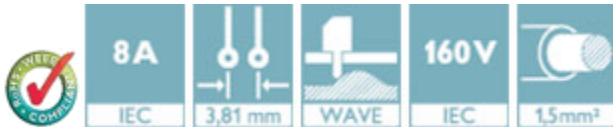
Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering



The figure shows a 10-position version of the product

Product Features

- Combination with MC 1,5 pin strips for primary/secondary/PCB connection
- Plug-in direction horizontal and vertical to the PCB
- Use in shock-proof applications
- Individual position coding by removing the coding tab and connecting the coding profile to the counterpart
- Clear separation of PCB inputs/outputs



Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	1.92 g
Custom tariff number	85366990
Country of origin	Poland

Technical data

Dimensions

Length	14.5 mm
Pitch	3.81 mm
Dimension a	15.24 mm
Constructional height	7 mm
Height	6.85 mm
Length of the solder pin	3.4 mm
Pin dimensions	1,12 mm

Base strip - IMC 1,5/ 5-G-3,81 - 1862603

Technical data

Dimensions

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 _N	8 A
Maximum load current	8 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
	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

Base strip - IMC 1,5/ 5-G-3,81 - 1862603

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/ 5-G-3,81 - 1862603

Approvals

Nominal voltage UN	160 V
--------------------	-------

CCA	
Nominal current IN	8 A
Nominal voltage UN	160 V

EAC

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

EAC

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 - MCO 1,5/ 5-GL-3,81 - 1861756



Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering

Base strip - IMC 1,5/ 5-G-3,81 - 1862603

Accessories

Base strip - MCO 1,5/ 5-GR-3,81 - 1861675



Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering

Base strip - MCDV 1,5/ 5-G1-3,81 - 1847754



Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, 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 - MCDV 1,5/ 5-G-3,81 - 1830431



Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, 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 - MCD 1,5/ 5-G1-3,81 - 1843101



Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, 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 - MCD 1,5/ 5-G-3,81 - 1829989



Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, 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/ 5-G-3,81 - 1862603

Accessories

Printed-circuit board connector - IMC 1,5/ 5-ST-3,81 - 1857919



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, Pitch: 3.81 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Base strip - MCVK 1,5/ 5-G-3,81 - 1832769



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, Pitch: 3.81 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin, Mounting: DIN rail

Base strip - MCVDU 1,5/ 5-G-3,81 - 1837463



Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering

Base strip - MCV 1,5/ 5-G-3,81 - 1803455



Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering

Base strip - MC 1,5/ 5-G-3,81 - 1803303



Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering

Base strip - IMC 1,5/ 5-G-3,81 - 1862603

Accessories

Base strip - MC 1,5/ 5-G-3,81 THT - 1908790

Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, 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/ 5-G-3,81 - 1827305

Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering



Base strip - EMCV 1,5/ 5-G-3,81 - 1860676

Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Mounting: Press-in technology



Base strip - EMC 1,5/ 5-G-3,81 - 1897830

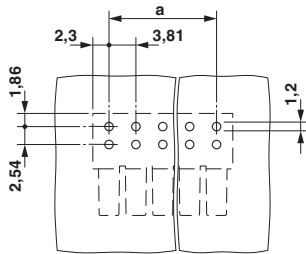
Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Mounting: Press-in technology



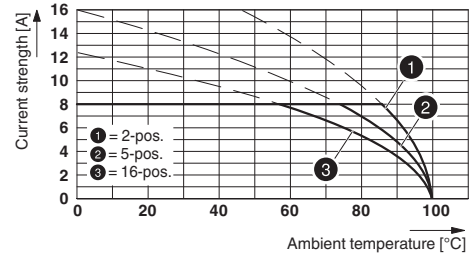
Drawings

Base strip - IMC 1,5/ 5-G-3,81 - 1862603

Drilling diagram

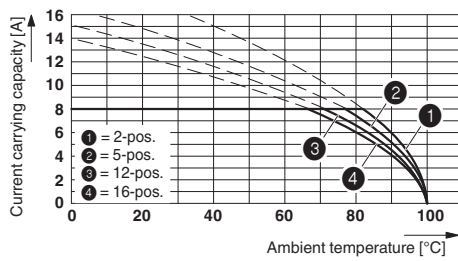


Diagram

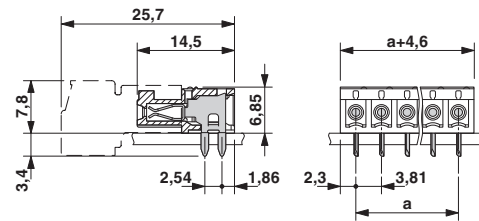


Type: IMC 1,5/...-G-3,81 with MC 1,5/...-G-3,81

Diagram



Dimensional drawing

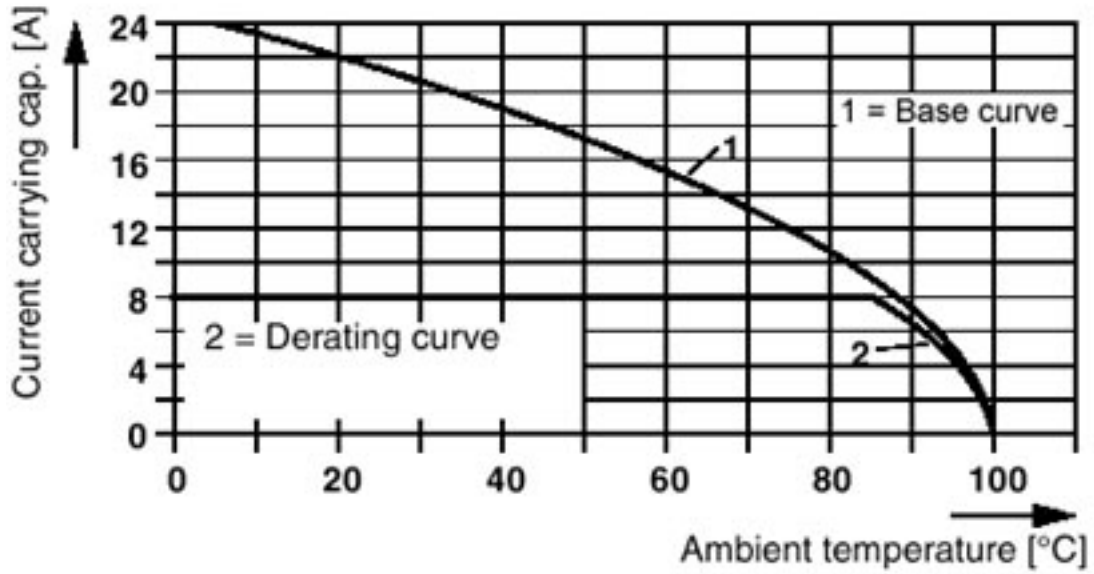


Type: IMC 1,5/...-ST-3,81 with IMC 1,5/...-G-3,81

Base strip - IMC 1,5/ 5-G-3,81 - 1862603

Diagram

Plug: MC 1,5/5-G(F)-3,81
Header: IMC(V) 1,5/5-G(F)-3,81



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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Phoenix Contact:](#)

[1862603](#)