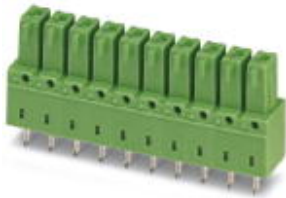


Base strip - IMCV 1.5/16-G-3.81 - 1875564

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

Why buy this product

- ☒ 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 keying by removing the keying tab and connecting the keying profile to the counterpart
- ☒ Clear separation of PCB inputs/outputs



Key commercial data

Packing unit	1
Minimum order quantity	50
Catalog page	Page 225 (CC-2011)
GTIN	 4 017918 134068
Custom tariff number	85366990
Country of origin	POLAND

Technical data

Dimensions / positions

Length	6.85 mm
Pitch	3.81 mm
Dimension a	57.15 mm
Number of positions	16
Pin dimensions	0,8 x 0,8 mm
Hole diameter	1.2 mm

Technical data

Range of articles	IMCV 1,5/-G
Insulating material group	I
Rated surge voltage (III/3)	2.5 kV

Base strip - IMCV 1.5/16-G-3.81 - 1875564

Technical data

Technical data

Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV
Rated voltage (III/2)	160 V
Rated voltage (II/2)	320 V
Connection in acc. with standard	EN-VDE
Nominal current IN	8 A
Nominal voltage UN	160 V
Maximum load current	8 A
Insulating material	PA
Inflammability class according to UL 94	V0
Color	green
Nominal voltage, UL/CUL Use Group B	300 V
Nominal current, UL/CUL Use Group B	8 A
Nominal voltage, UL/CUL Use Group D	300 V
Nominal current, UL/CUL Use Group D	8 A

Classifications

eclass

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

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

Base strip - IMCV 1.5/16-G-3.81 - 1875564

Approvals

Approvals

UL Recognized / VDE report with production monitoring / cUL Recognized / GOST / IEC EE CB Scheme / GOST / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized 		
	B	D
Nominal current I _N	8 A	8 A
Nominal voltage U _N	300 V	300 V

VDE report with production monitoring 	
Nominal current I _N	8 A
Nominal voltage U _N	160 V

cUL Recognized 		
	B	D
Nominal current I _N	8 A	8 A
Nominal voltage U _N	300 V	300 V

GOST 	
--	--

IECEE CB Scheme	
Nominal current I _N	8 A
Nominal voltage U _N	160 V

Base strip - IMCV 1.5/16-G-3.81 - 1875564

Approvals



cULus Recognized 

Accessories

Accessories

Marking

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



Marker cards, 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

Additional products

Housing - MCDV 1,5/16-G-3,81 - 1830541



Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 16, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Assembly: Soldering, In combination with MCV plug components, both an MCVW and an MCVR plug must be used.

Base strip - MCDV 1,5/16-G1-3,81 - 1847877



Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 16, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Assembly: Soldering, In combination with MCV plug components, both an MCVW and an MCVR plug must be used.

Base strip - MCD 1,5/16-G-3,81 - 1830091



Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 16, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Assembly: Soldering, In combination with MCV plug components, both an MCVW and an MCVR plug must be used.

Base strip - IMCV 1.5/16-G-3.81 - 1875564

Accessories

Base strip - MCD 1,5/16-G1-3,81 - 1843211



Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 16, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Assembly: Soldering, In combination with MCV plug components, both an MCVW and an MCVR plug must be used.

Printed-circuit board connector - IMC 1,5/16-ST-3,81 - 1858028



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

Housing - MCVDU 1,5/16-G-3,81 - 1837573



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

Base strip - MCVK 1,5/16-G-3,81 - 1832879



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, Assembly: DIN rail

Base strip - MCV 1,5/16-G-3,81 - 1803565



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

Base strip - MC 1,5/16-G-3,81 - 1803413



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

Base strip - IMCV 1.5/16-G-3.81 - 1875564

Accessories

Base strip - SMC 1,5/16-G-3,81 - 1827415



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

Housing - EMCV 1,5/16-G-3,81 - 1860786



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

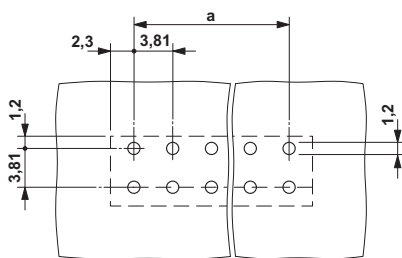
Base strip - EMC 1,5/16-G-3,81 - 1897940



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

Drawings

Drilling diagram



Dimensioned drawing

