

Housing - IMC 1.5/16-G-3.81 - 1862713

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



Key commercial data

| | |
|------------------------|---|
| Packing unit | 1 |
| Minimum order quantity | 50 |
| Catalog page | Page 224 (CC-2011) |
| GTIN |  4 017918 133719 |
| Custom tariff number | 85366990 |
| Country of origin | POLAND |

Technical data

Dimensions / positions

| | |
|---------------------|--------------|
| Length | 14.5 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 | IMC 1,5/..-G |
| Insulating material group | I |
| Rated surge voltage (III/3) | 2.5 kV |

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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 I_N | 8 A |
| Nominal voltage U_N | 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

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Approvals


Approvals

VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / GOST / IECCE CB Scheme / UL Recognized / GOST / cULus Recognized


Ex Approvals

Approvals submitted


Approval details


VDE Gutachten mit Fertigungsüberwachung 

| 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 

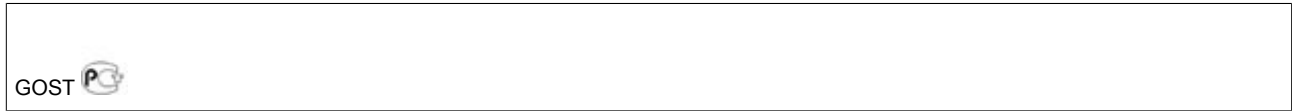
| Nominal current I _N | 8 A |
|--------------------------------|-------|
| Nominal voltage U _N | 160 V |

UL Recognized 

| | B | D |
|--------------------------------|-------|-------|
| Nominal current I _N | 8 A | 8 A |
| Nominal voltage U _N | 300 V | 300 V |

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Approvals



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

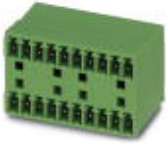


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Housing - IMC 1.5/16-G-3.81 - 1862713

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

Housing - IMC 1.5/16-G-3.81 - 1862713

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



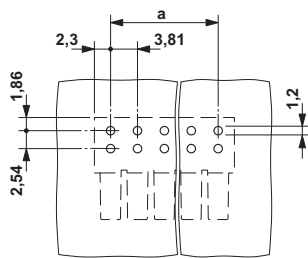
Base strip - EMC 1,5/16-G-3,81 - 1897940

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

