

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

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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, Mounting: Soldering, In combination with MCV plug components, both an MCVW and an MCVR plug must be used.


The figure shows a 10-pos. version with 20 contacts

Why buy this product

- Improved view and access to lower level
- Low-profile double-level pin strips with high contact density
- With offset levels
- Plug-in direction vertical to the PCB



Key commercial data

Packing unit	50 pc
GTIN	 4 017918 051235
Weight per Piece (excluding packing)	12.11 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Length	22.7 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	MCDV 1,5/..-G
Insulating material group	I
Rated surge voltage (III/3)	2.5 kV
Rated surge voltage (III/2)	2.5 kV

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Technical data

General

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
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

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

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Approvals

Ex Approvals

Approvals submitted

Approval details

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

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

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

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

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Approvals

CCA	
Nominal current I _N	8 A
Nominal voltage U _N	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

Plug - MC 1,5/16-ST-3,81 - 1803714



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

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Accessories

Printed-circuit board connector - MCVR 1,5/16-ST-3,81 - 1827266



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-ST-3,81 - 1897539



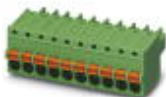
Plug component, Nominal current: 6 A, Rated voltage (III/2): 200 V, Number of positions: 16, Pitch: 3.81 mm, Connection method: Insulation displacement connection QUICKON, Color: green, Contact surface: Tin

Printed-circuit board connector - MCC 1/16-STZ-3,81 - 1852312



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 [mm²] data: 5A/MCC-MT 0,2-0,35 (1859988); 8A/MCC-MT 0,5-1,0 (1859991)

Printed-circuit board connector - FK-MCP 1,5/16-ST-3,81 - 1851180



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

Printed-circuit board connector - FRONT-MC 1,5/16-ST-3,81 - 1850806



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

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Accessories

Printed-circuit board connector - MCVW 1,5/16-ST-3,81 - 1827114



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

Base strip - IMCV 1,5/16-G-3,81 - 1875564



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

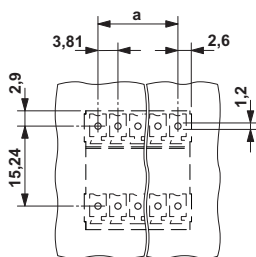
Housing - IMC 1,5/16-G-3,81 - 1862713



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

Drawings

Drilling diagram



Dimensioned drawing

