

Base strip - MCDV 1,5/16-G1F-3,81 - 1842908

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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: Wave 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

- ✓ Well-known mounting principle allows worldwide use
- ✓ Screwable flange for superior mechanical stability
- ✓ Vertical connection enables multi-row arrangement on the PCB
- ✓ Maximum flexibility when it comes to device design – one header for connectors with different connection technologies



Key Commercial Data

Packing unit	1 STK
GTIN	 4 017918 112103
GTIN	4017918112103
Weight per Piece (excluding packing)	21.470 g
Custom tariff number	85366930
Country of origin	Germany

Technical data

Dimensions

Length	22.7 mm
Pitch	3.81 mm
Dimension a	57.15 mm
Width	71.35 mm
Constructional height	21.9 mm

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Technical data

Dimensions

Height	25.3 mm
Length of the solder pin	3.4 mm
Pin dimensions	0,8 x 0,8
Pin spacing	15.24 mm
Hole diameter	1.2 mm

General

Range of articles	MCDV 1,5/...-G1F
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	16

Standards and Regulations

Connection in acc. with standard	EN-VDE
	CSA
Flammability rating according to UL 94	V0

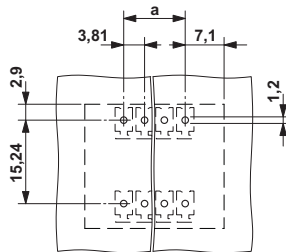
Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

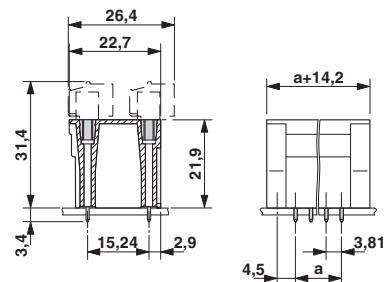
Drawings

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Drilling diagram



Dimensional drawing



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

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002637
ETIM 5.0	EC002637
ETIM 6.0	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 / VDE Gutachten mit Fertigungsüberwachung / IECCEB Scheme / CCA / cULus Recognized / EAC

Base strip - MCDV 1,5/16-G1F-3,81 - 1842908

Approvals

Ex Approvals

Approval details

CSA		http://www.csagroup.org/services/testing-and-certification/certified-product-listing/	13631
	B	D	
Nominal current I _N	8 A	8 A	
Nominal voltage U _N	300 V	300 V	

VDE Gutachten mit Fertigungsüberwachung		http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx	40011723
Nominal current I _N	8 A		
Nominal voltage U _N	160 V		

IECEE CB Scheme		http://www.iecee.org/	DE1-58415-B1B2
Nominal current I _N	8 A		
Nominal voltage U _N	160 V		

CCA			CCA/ DE1 34219
Nominal current I _N	8 A		
Nominal voltage U _N	160 V		

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-20110128
	B	D	
Nominal current I _N	8 A	8 A	
Nominal voltage U _N	300 V	300 V	

Base strip - MCDV 1,5/16-G1F-3,81 - 1842908

Approvals

EAC



B.01742

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

Printed-circuit board connector - FMC 1,5/16-STF-3,81 - 1748493



Plug component, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 16, pitch: 3.81 mm, connection method: Push-in spring connection, Color: green, Contact surface: Tin

Base strip - MCDV 1,5/16-G1F-3,81 - 1842908

Accessories

Printed-circuit board connector - MC 1,5/16-STF-3,81 - 1827842



Plug component, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 16, pitch: 3.81 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Printed-circuit board connector - MCVR 1,5/16-STF-3,81 - 1828485



Plug component, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 16, pitch: 3.81 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Printed-circuit board connector - MCVW 1,5/16-STF-3,81 - 1828634



Plug component, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 16, pitch: 3.81 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Printed-circuit board connector - FRONT-MC 1,5/16-STF-3,81 - 1850990



Plug component, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 16, pitch: 3.81 mm, connection method: Front screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - FK-MCP 1,5/16-STF-3,81 - 1851371



Plug component, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 16, pitch: 3.81 mm, connection method: Push-in spring connection, Color: green, Contact surface: Tin

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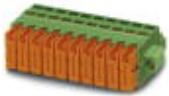
Accessories

Printed-circuit board connector - MCC 1/16-STZF-3,81 - 1852503



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 - QC 0,5/16-STF-3,81 - 1897681



Plug component, nominal current: 6 A, rated voltage (III/2): 200 V, number of positions: 16, pitch: 3.81 mm, connection method: Displacement connection, Color: green, Contact surface: Tin