

Base strip - MCDV 1,5/ 6-G-3,81 - 1830444

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Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 6, 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
- ✓ 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	50 STK
GTIN	 4 017918 110475
GTIN	4017918110475
Weight per Piece (excluding packing)	4.780 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Length	22.7 mm
Pitch	3.81 mm
Dimension a	19.05 mm
Width	24.25 mm
Constructional height	21.9 mm
Height	25.3 mm
Length of the solder pin	3.4 mm
Pin dimensions	0,8 x 0,8
Pin spacing	15.24 mm

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Technical data

Dimensions

Hole diameter	1.2 mm
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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
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	6

Standards and Regulations

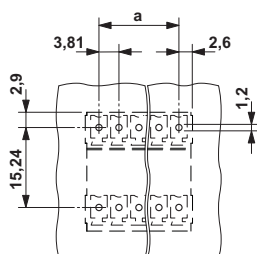
Connection in acc. with standard	EN-VDE
	CSA
Flammability rating according to UL 94	V0

Environmental Product Compliance

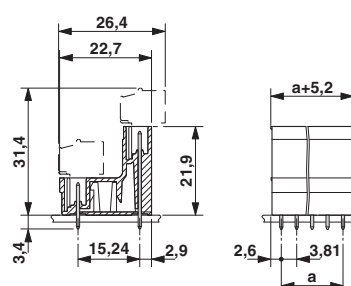
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Drilling diagram



Dimensional drawing



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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

Approvals

CSA / VDE Gutachten mit Fertigungsüberwachung / IECEx CB Scheme / CCA / cULus Recognized / EAC

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	

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Approvals

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/	DE1-56063-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	

EAC		B.01742	
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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

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Accessories

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/ 6-ST-3,81 - 1748011



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 6, Pitch: 3.81 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

Printed-circuit board connector - MC 1,5/ 6-ST-3,81 - 1803617



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 6, Pitch: 3.81 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Printed-circuit board connector - MCVW 1,5/ 6-ST-3,81 - 1827017



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 6, Pitch: 3.81 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Printed-circuit board connector - MCVR 1,5/ 6-ST-3,81 - 1827169



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 6, Pitch: 3.81 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

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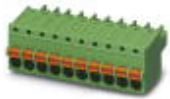
Accessories

Printed-circuit board connector - FRONT-MC 1,5/ 6-ST-3,81 - 1850709



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 6, Pitch: 3.81 mm, Connection method: Front screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - FK-MCP 1,5/ 6-ST-3,81 - 1851083



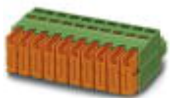
Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 6, Pitch: 3.81 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

Printed-circuit board connector - MCC 1/ 6-STZ-3,81 - 1852215



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 6, 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/ 6-ST-3,81 - 1897432



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