

## Base strip - MCDV 1,5/ 5-GF-3,81 - 1830282

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Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, 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

### Product Features

- Low-profile double-level pin strips with high contact density
- Plug-in direction vertical to the PCB



### Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 110932
Weight per Piece (excluding packing)	6.92 g
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### Dimensions

Length	22.7 mm
Pitch	3.81 mm
Dimension a	15.24 mm
Constructional height	22 mm
Length of the solder pin	3.4 mm
Pin dimensions	0,8 x 0,8 mm
Hole diameter	1.2 mm

#### General

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### Technical data

#### General

Range of articles	MCDV 1,5/...-GF
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 <sub>N</sub>	8 A
Maximum load current	8 A
Insulating material	PA
Flammability rating according to UL 94	V0
Color	green
Number of positions	5

#### Standards and Regulations

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

### 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

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## Classifications

### 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 / cUL Recognized / IEC60947 CB Scheme / CCA / EAC / cULus Recognized

#### Ex Approvals

#### Approvals submitted

## Approval details

CSA 		
	B	D
Nominal current I <sub>N</sub>	8 A	8 A
Nominal voltage U <sub>N</sub>	300 V	300 V

VDE Gutachten mit Fertigungsüberwachung 	
Nominal current I <sub>N</sub>	8 A
Nominal voltage U <sub>N</sub>	160 V

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## Approvals

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

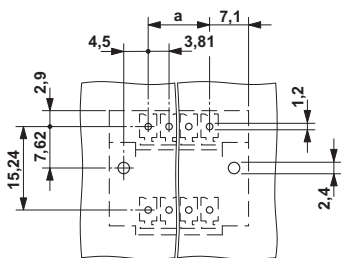
CCA	
Nominal current $I_N$	8 A
Nominal voltage $U_N$	160 V

EAC	
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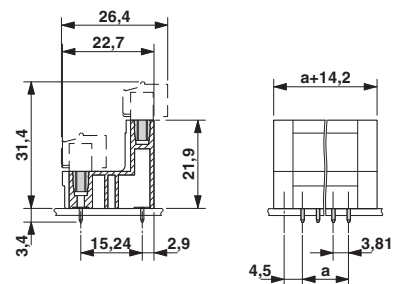
cULus Recognized		
	B	D
Nominal current $I_N$	8 A	8 A
Nominal voltage $U_N$	300 V	300 V

## Drawings

Drilling diagram



Dimensional drawing



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Diagram

Plug: MC 1,5/5-ST(F)-3,81  
Header: MCD(V)1,5/5-G(F)-3,81

