

## Housing - MCDV 0,5/12-G1-2,5 - 1895010

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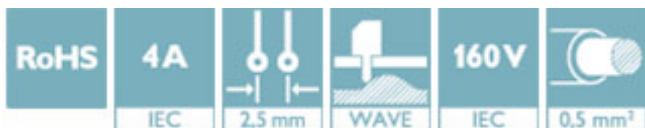


PCB headers, nominal current: 4 A, rated voltage (III/2): 160 V, number of positions: 12, pitch: 2.5 mm, color: green, contact surface: Tin, mounting: Wave soldering


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



### Key Commercial Data

Packing unit	50 STK
GTIN	 4 017918 162283
GTIN	4017918162283

### Technical data

#### Dimensions

Length [ l ]	25.5 mm
Width	31.9 mm
Pitch	2.5 mm
Dimension a	27.5 mm
Width [ w ]	31.9 mm
Height [ h ]	21 mm
Constructional height	17.5 mm
Length of the solder pin	3.5 mm
Pin dimensions	0.8 x 0.8 mm
Length	25.5 mm

#### General

Range of articles	MCDV 0,5/..-G1
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## Technical data

### General

Insulating material group	I
Rated surge voltage (III/3)	1.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV
Rated voltage (III/3)	80 V
Rated voltage (III/2)	160 V
Rated voltage (II/2)	320 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	4 A
Maximum load current	4 A
Insulating material	PA
Flammability rating according to UL 94	V0
Color	green
Number of positions	12

### Standards and Regulations

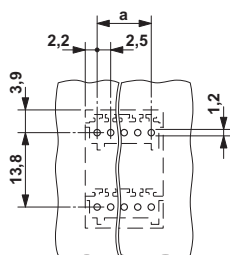
Connection in acc. with standard	EN-VDE
	CUL
Flammability rating according to UL 94	V0

### Environmental Product Compliance

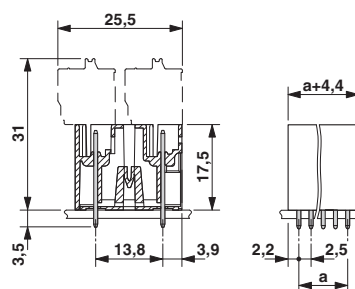
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

## Drawings

Drilling diagram



Dimensional drawing



## Approvals

### Approvals

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


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## Approvals

Ex Approvals


### Approval details

VDE Gutachten mit Fertigungsüberwachung		<a href="http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx">http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx</a>	40013394
Nominal voltage UN	80 V		
Nominal current IN	4 A		

IECEE CB Scheme		<a href="http://www.iecee.org/">http://www.iecee.org/</a>	DE1-56068-B1B2
Nominal voltage UN	80 V		
Nominal current IN	4 A		

CCA	CCA/ DE1 34250		
Nominal voltage UN	80 V		
Nominal current IN	4 A		

EAC		B.01742	
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cULus Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	E60425-19930913
		B	
Nominal voltage UN	125 V		
Nominal current IN	4 A		

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