

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

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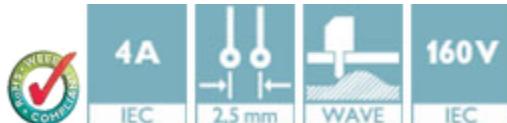


Header, Nominal current: 4 A, Rated voltage (III/2): 160 V, Number of positions: 12, Pitch: 2.5 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering

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

### Product Features

- Low-profile double-level pin strips with high contact density
- Plug-in direction parallel and vertical to the PCB
- Without offset levels, for flush installation on the front of devices



### Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	9.24 g
Custom tariff number	85369010
Country of origin	Poland

### Technical data

#### Dimensions

Length	17.5 mm
Pitch	2.50 mm
Dimension a	27.5 mm
Constructional height	18 mm
Length of the solder pin	3.5 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 0,5/..-G1
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

## 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

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#### Approvals

UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / IEC66 CB Scheme / CCA / EAC / EAC / cULus Recognized

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#### Ex Approvals

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#### Approvals submitted

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#### Approval details

UL Recognized 	
	B
Nominal current IN	4 A
Nominal voltage UN	125 V

VDE Gutachten mit Fertigungsüberwachung 	
Nominal current IN	4 A
Nominal voltage UN	80 V

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### Approvals

cUL Recognized 	
	B
Nominal current IN	4 A
Nominal voltage UN	125 V

IECEE CB Scheme 	
Nominal current IN	4 A
Nominal voltage UN	80 V

CCA
Nominal current IN
Nominal voltage UN

EAC

EAC

cULus Recognized 

### Accessories

#### Accessories

#### Coding element

Coding profile - CP-MC 0,5 - 1881435



Coding profile, is inserted into the groove in the header, red insulating material

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### Accessories

#### Labeled terminal marker

Marker card - SK 2,54/2,8:FORTL.ZAHLEN - 0804853



Marker card, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 99, Mounting type: Adhesive, for terminal block width: 2.54 mm, Lettering field: 2.54 x 2.8 mm

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### Additional products

Printed-circuit board connector - FK-MC 0,5/12-ST-2,5 - 1881422

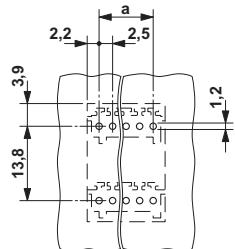


Plug component, Nominal current: 4 A, Rated voltage (III/2): 160 V, Number of positions: 12, Pitch: 2.5 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

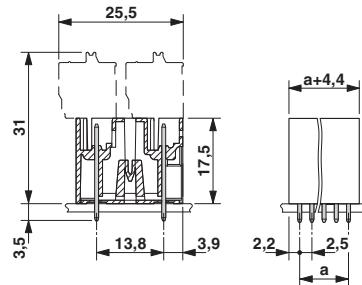
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### Drawings

Drilling diagram



Dimensional drawing



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