

# Base strip - MDSTB 2,5/ 8-G1-5,08 - 1762431

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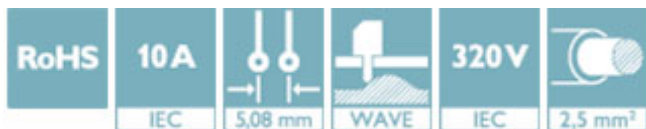


Header, nominal current: 10 A, rated voltage (III/2): 320 V, number of positions: 8, pitch: 5.08 mm, Color: green, contact surface: Tin, mounting: Wave soldering, In combination with MVSTB or FKCV plug components, both an MVSTBW (or FKCVW) and an MVSTBR plug (or FKCVR) must be used. Combination with TMSTBP plug components is not possible!

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

## Why buy this product

- ✓ Maximum flexibility when it comes to device design – one header for connectors with different connection technologies
- ✓ Easy PCB replacement thanks to plug-in modules
- ✓ Well-known mounting principle allows worldwide use
- ✓ Conductor connection on several levels enables higher contact density



## Key Commercial Data

Packing unit	50 STK
GTIN	
GTIN	4017918031039
Weight per Piece (excluding packing)	13.120 g
Custom tariff number	85366930
Country of origin	Greece

## Technical data

### Dimensions

Length [ l ]	22 mm
Pitch	5.08 mm
Dimension a	35.56 mm
Width [ w ]	42.2 mm
Constructional height	28.5 mm
Height [ h ]	32 mm
Length of the solder pin	3.5 mm
Pin dimensions	1 x 1 mm

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## Technical data

### Dimensions

Hole diameter	1.4 mm
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### General

Range of articles	MDSTB 2,5/..-G1
Insulating material group	I
Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV
Rated voltage (III/3)	250 V
Rated voltage (III/2)	320 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	10 A
Maximum load current	10 A (per position)
Insulating material	PA
Flammability rating according to UL 94	V0
Color	green
Number of positions	8

### Standards and Regulations

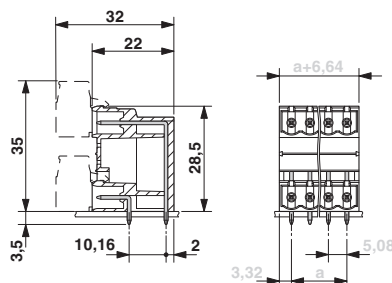
Connection in acc. with standard	EN-VDE
	CSA
Flammability rating according to UL 94	V0

### Environmental Product Compliance

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

## Drawings

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 / cULus Recognized / EAC

#### Ex Approvals

### Approval details

CSA		13631
	B	D
Nominal current I <sub>N</sub>	10 A	10 A
Nominal voltage U <sub>N</sub>	300 V	300 V

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## Approvals

VDE Gutachten mit Fertigungsüberwachung		<a href="http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx">http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx</a>	40004701
Nominal current IN	10 A		
Nominal voltage UN	250 V		

IECEE CB Scheme		<a href="http://www.iecee.org/">http://www.iecee.org/</a>	DE1-58978-B1B2
Nominal current IN	10 A		
Nominal voltage UN	250 V		

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>	E60425-19931011
	B	D	
Nominal current IN	15 A	10 A	
Nominal voltage UN	300 V	300 V	

EAC		B.01742
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## Accessories

Accessories

Coding element

Coding star - CR-MSTB - 1734401

Coding section, inserted into the recess in the header or the inverted plug, red insulating material



Filler plug

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### Accessories

Accessories - MSTB-BL - 1755477



Keying cap, for forming sections, plugs onto header pin, green insulating material

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### Labeled terminal marker

Marker card - SK 5,08/3,8:FORTL.ZAHLEN - 0804293



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: 5.08 mm, Lettering field: 5.08 x 3.8 mm

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### Additional products

Printed-circuit board connector - TVMSTB 2,5/ 8-ST-5,08 - 1719066



Plug component, nominal current: 12 A, rated voltage (III/2): 400 V, number of positions: 8, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin

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Printed-circuit board connector - MSTB 2,5/ 8-ST-5,08 - 1757077



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 8, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin

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Printed-circuit board connector - MSTB 2,5/ 8-STZ-5,08 - 1764235



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 8, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin

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### Accessories

#### Printed-circuit board connector - MSTBP 2,5/ 8-ST-5,08 - 1769078



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 8, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin

#### Printed-circuit board connector - FRONT-MSTB 2,5/ 8-ST-5,08 - 1777345



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 8, pitch: 5.08 mm, connection method: Front screw connection, Color: green, contact surface: Tin

#### Printed-circuit board connector - MVSTBR 2,5/ 8-ST-5,08 - 1792304



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 8, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin

#### Printed-circuit board connector - MVSTBW 2,5/ 8-ST-5,08 - 1792812



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 8, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin

#### Printed-circuit board connector - MSTBC 2,5/ 8-ST-5,08 - 1808874



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 8, pitch: 5.08 mm, connection method: Crimp connection, Color: green, Corresponding female crimp contacts with current [A] and conductor cross section range [mm<sup>2</sup>] data: 10A/MSTBC-MT 0,5-1,0 (3190564); 10A/MSTBC-MT 0,5-1,0 BA (3190645); 12A/MSTBC-MT 1,5-2,5 (3190551); 12A/MSTBC-MT 1,5-2,5 BA (3190658). BA = Bandkontakte

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### Accessories

#### Printed-circuit board connector - MSTBC 2,5/ 8-STZ-5,08 - 1809569



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 8, pitch: 5.08 mm, connection method: Crimp connection, Color: green, Corresponding female crimp contacts with current [A] and conductor cross section range [mm<sup>2</sup>] data: 10A/MSTBC-MT 0,5-1,0 (3190564); 10A/MSTBC-MT 0,5-1,0 BA (3190645); 12A/MSTBC-MT 1,5-2,5 (3190551); 12A/MSTBC-MT 1,5-2,5 BA (3190658). BA = Bandkontakte

#### Printed-circuit board connector - MSTBU 2,5/ 8-STD-5,08 - 1824188



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 8, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin, mounting: Direct mounting

#### Printed-circuit board connector - MSTBU 2,5/ 8-ST-5,08-FL - 1824418



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 8, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin, mounting: Direct mounting

#### Printed-circuit board connector - SMSTB 2,5/ 8-ST-5,08 - 1826348



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 8, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin

#### Printed-circuit board connector - MSTBVK 2,5/ 8-ST-5,08 - 1831375



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 8, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin, mounting: DIN rail

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### Accessories

Printed-circuit board connector - UMSTBVK 2,5/ 8-ST-5,08 - 1833878



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 8, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin, mounting: DIN rail

Printed-circuit board connector - TMSTBP 2,5/ 8-ST-5,08 - 1853078



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 8, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin, The plug allows conductors to be looped through from module to module.

Printed-circuit board connector - FKC 2,5/ 8-ST-5,08 - 1873113



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 8, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin

Printed-circuit board connector - FKCVW 2,5/ 8-ST-5,08 - 1873715



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 8, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin

Printed-circuit board connector - FKCVR 2,5/ 8-ST-5,08 - 1874015



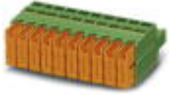
Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 8, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin



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### Accessories

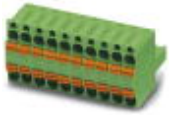
Printed-circuit board connector - QC 1/ 8-ST-5,08 - 1883310



Plug component, nominal current: 10 A, rated voltage (III/2): 630 V, number of positions: 8, pitch: 5.08 mm, connection method: Displacement connection, Color: green, contact surface: Tin

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Printed-circuit board connector - TFKC 2,5/ 8-ST-5,08 - 1962668



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 8, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin

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Printed-circuit board connector - FKCS 2,5/ 8-ST-5,08 - 1975134



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 8, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin

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