

## Base strip - GMSTBVA 2,5/ 2-G-7,62 - 1766770

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)

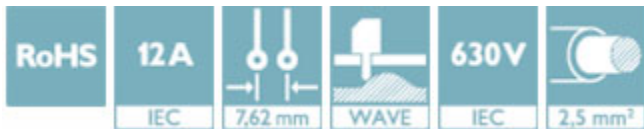
Header, nominal current: 12 A, rated voltage (III/2): 630 V, number of positions: 2, pitch: 7.62 mm, Color: green, contact surface: Tin, mounting: Wave soldering




The figure shows a 10-position version of the product

### Why buy this product

- ✓ Maximum flexibility when it comes to device design – one header for connectors with different connection technologies
- ✓ Well-known mounting principle allows worldwide use
- ✓ Larger pitch for increased voltage requirements
- ✓ Closed contour for optimum stability of the plug-in connection
- ✓ Vertical connection enables multi-row arrangement on the PCB



### Key Commercial Data

Packing unit	1 STK
GTIN	 4 017918 032791
GTIN	4017918032791
Weight per Piece (excluding packing)	1.040 g
Custom tariff number	85366930
Country of origin	Germany

### Technical data

#### Dimensions

Length [ l ]	8.6 mm
Pitch	7.62 mm
Dimension a	7.62 mm
Width [ w ]	15.24 mm

## Base strip - GMSTBVA 2,5/ 2-G-7,62 - 1766770

### Technical data

#### Dimensions

Constructional height	12 mm
Height [ h ]	15.9 mm
Length of the solder pin	3.9 mm
Pin dimensions	1,0 x 1,0
Hole diameter	1.4 mm

#### General

Range of articles	GMSTBVA 2,5/..-G
Insulating material group	I
Rated surge voltage (III/3)	6 kV
Rated surge voltage (III/2)	6 kV
Rated surge voltage (II/2)	6 kV
Rated voltage (III/3)	400 V
Rated voltage (III/2)	630 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I <sub>N</sub>	12 A
Maximum load current	12 A
Insulating material	PA
Flammability rating according to UL 94	V0
Color	green
Number of positions	2

#### Standards and Regulations

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

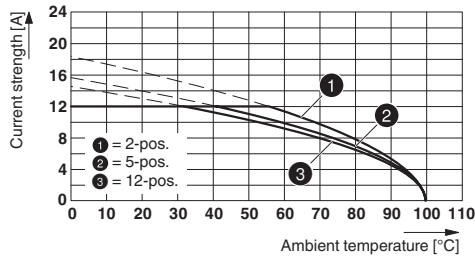
#### Environmental Product Compliance

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

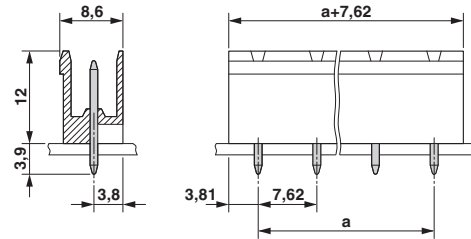
### Drawings

# Base strip - GMSTBVA 2,5/ 2-G-7,62 - 1766770

Diagram

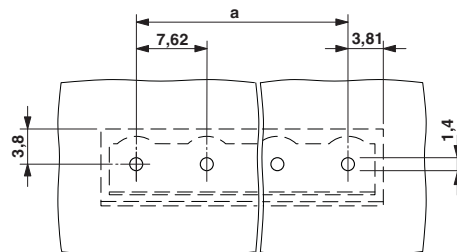


Dimensional drawing



Type: GMSTB 2,5/...-ST-7,62 with GMSTBVA 2,5/...-G-7,62

Drilling diagram



## 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

# Base strip - GMSTBVA 2,5/ 2-G-7,62 - 1766770

## Classifications

### UNSPSC

UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

## Approvals


### Approvals


#### Approvals


CSA / UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / IECCEB Scheme / EAC / cULus Recognized

#### Ex Approvals

### Approval details

CSA		<a href="http://www.csagroup.org/services/testing-and-certification/certified-product-listing/">http://www.csagroup.org/services/testing-and-certification/certified-product-listing/</a>	13631
	B	D	
Nominal current IN	10 A	10 A	
Nominal voltage UN	300 V	300 V	

UL 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>	FILE E 60425
	B	D	
Nominal current IN	15 A	10 A	
Nominal voltage UN	300 V	300 V	

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	12 A		
Nominal voltage UN	400 V		

# Base strip - GMSTBVA 2,5/ 2-G-7,62 - 1766770

## Approvals

cUL 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>	FILE E 60425
	B	D	
Nominal current IN	15 A	10 A	
Nominal voltage UN	300 V	300 V	

IECEE CB Scheme		<a href="http://www.iecee.org/">http://www.iecee.org/</a>	DE1-58978-B1B2
Nominal current IN	12 A		
Nominal voltage UN	400 V		

EAC		B.01742
-----	--	---------

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>
------------------	--	---

## 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

## Base strip - GMSTBVA 2,5/ 2-G-7,62 - 1766770

### Accessories

Accessories - MSTB-BL - 1755477



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

---

### Labeled terminal marker

Marker card - SK 7,62/3,8:FORTL.ZAHLEN - 0804549



Marker card, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 100, Mounting type: adhesive, for terminal block width: 7.62 mm, Lettering field: 7.62 x 3.8 mm

---

### Additional products

Plug - GMSTB 2,5/ 2-ST-7,62 - 1766990



Plug component, nominal current: 12 A, rated voltage (III/2): 630 V, number of positions: 2, pitch: 7.62 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin

---

Printed-circuit board connector - FRONT-GMSTB 2,5/ 2-ST-7,62 - 1806119



Plug component, nominal current: 12 A, rated voltage (III/2): 630 V, number of positions: 2, pitch: 7.62 mm, connection method: Front screw connection, Color: green, contact surface: Tin

---

Printed-circuit board connector - GMVSTBW 2,5/ 2-ST-7,62 - 1832413



Plug component, nominal current: 12 A, rated voltage (III/2): 630 V, number of positions: 2, pitch: 7.62 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin

## Base strip - GMSTBVA 2,5/ 2-G-7,62 - 1766770

### Accessories

---

#### Printed-circuit board connector - GMVSTBR 2,5/ 2-ST-7,62 - 1832523



Plug component, nominal current: 12 A, rated voltage (III/2): 630 V, number of positions: 2, pitch: 7.62 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin

---

#### Printed-circuit board connector - GFKC 2,5/ 2-ST-7,62 - 1939633



Plug component, nominal current: 12 A, rated voltage (III/2): 630 V, number of positions: 2, pitch: 7.62 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin, COMBICON connectors may only be activated under no load conditions. If for operating reasons small loads must be switched, experimental values are available upon request.