

# MVSTBU 2,5/ 8-GB-5,087031BD1,2 - 1703980

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>)

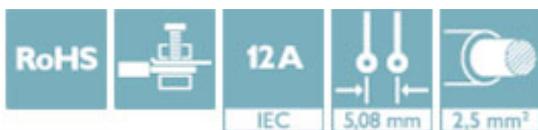
Direct plug-in block, nominal current: 12 A, number of positions: 8, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: blue grey, contact surface: Tin, mounting: Direct mounting



The figure shows a 10-position version of the product

## Your advantages

- ✔ Direct plug-in blocks with mounting flanges for screw connection on mounting plates or unit housing
- ✔ Can be combined with the MSTB 2,5 range
- ✔ Maximum flexibility when it comes to device design – one header for connectors with different connection technologies
- ✔ Well-known connection principle allows worldwide use
- ✔ Allows connection of two conductors



## Key Commercial Data

Packing unit	50 pc
GTIN	 4 046356 671019
GTIN	4046356671019

## Technical data

### Dimensions

Length [ l ]	20.5 mm
Pitch	5.08 mm
Dimension a	35.56 mm

### General

Range of articles	MVSTBU 2,5/..-GB
Number of positions	8
Connection method	Screw connection with tension sleeve
Rated voltage (III/3)	320 V
Connection in acc. with standard	EN-VDE
Nominal current I <sub>N</sub>	12 A

# MVSTBU 2,5/ 8-GB-5,087031BD1,2 - 1703980

## Technical data

### General

Nominal cross section	2.5 mm <sup>2</sup>
-----------------------	---------------------

### Connection data

Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	2.5 mm <sup>2</sup>
Conductor cross section flexible min.	0.2 mm <sup>2</sup>
Conductor cross section flexible max.	2.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	2.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	2.5 mm <sup>2</sup>
Conductor cross section AWG min.	24
Conductor cross section AWG max.	12
2 conductors with same cross section, solid min.	0.2 mm <sup>2</sup>
2 conductors with same cross section, solid max.	1 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	0.2 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	1.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1 mm <sup>2</sup>
Minimum AWG according to UL/CUL	30
Maximum AWG according to UL/CUL	12

### Standards and Regulations

Connection in acc. with standard	EN-VDE
	CSA

### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## Approvals

### Approvals

#### Approvals

CSA / IEC/EEB CB Scheme / VDE Gutachten mit Fertigungsüberwachung / EAC / cULus Recognized

# MVSTBU 2,5/ 8-GB-5,087031BD1,2 - 1703980

## Approvals

Ex Approvals

### Approval details

CSA		<a href="http://www.csagroup.org/services-industries/product-listing/">http://www.csagroup.org/services-industries/product-listing/</a>	13631
		D	B
Nominal voltage UN		300 V	300 V
Nominal current IN		10 A	10 A
mm <sup>2</sup> /AWG/kcmil		28-12	28-12

IECEE CB Scheme		<a href="http://www.iecee.org/">http://www.iecee.org/</a>	DE1-58978-B1B2
Nominal voltage UN		250 V	
Nominal current IN		12 A	
mm <sup>2</sup> /AWG/kcmil		0.2-2.5	

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>	40004701
Nominal voltage UN		250 V	
Nominal current IN		12 A	
mm <sup>2</sup> /AWG/kcmil		0.2-2.5	

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>	E60425-19931014
		D	B
Nominal voltage UN		300 V	250 V
Nominal current IN		10 A	12 A
mm <sup>2</sup> /AWG/kcmil		30-12	30-12

Phoenix Contact 2018 © - all rights reserved  
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>