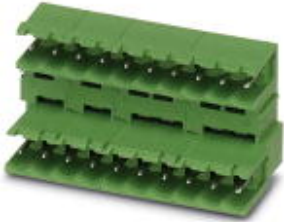


<https://www.phoenixcontact.com/gb/products/1762059>



## Feed-through header - MDSTB 2,5/ 3-G - 1762059

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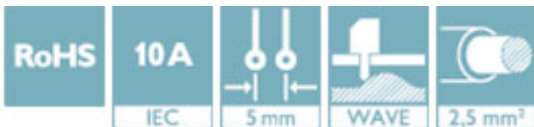


PCB headers, nominal current: 10 A, number of positions: 3, pitch: 5 mm, color: green, contact surface: Tin, mounting: Wave soldering, Can be aligned! Mounting flange: Order no. 1736771, 1736768. In combination with MVSTB or FKCV plugs, both an MVSTBW (or FKCVW) and an MVSTBR plug (or FKCVR) must be used. Combination with TMSTBP plugs is not possible!


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

### Your advantages

- ✓ 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 pc
Minimum order quantity	50 pc
GTIN	 4 017918 030971
GTIN	4017918030971
Weight per Piece (excluding packing)	4.360 g
Custom tariff number	85366930
Country of origin	Germany

### Technical data

#### Dimensions

Length [ l ]	22.1 mm
Width	17.5 mm
Pitch	5 mm
Dimension a	10 mm
Width [ w ]	17.5 mm
Height [ h ]	27.2 mm
Height	24 mm

## Feed-through header - MDSTB 2,5/ 3-G - 1762059

### Technical data

#### Dimensions

Length of the solder pin	3.2 mm
Pin dimensions	1 x 1 mm
Length	22.1 mm

#### General

Range of articles	MDSTB 2,5/..-G
Insulating material group	IIIa
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)	400 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	10 A
Maximum load current	10 A
Insulating material	PBT
Flammability rating according to UL 94	V0
Color	green
Number of positions	3

#### Standards and Regulations

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

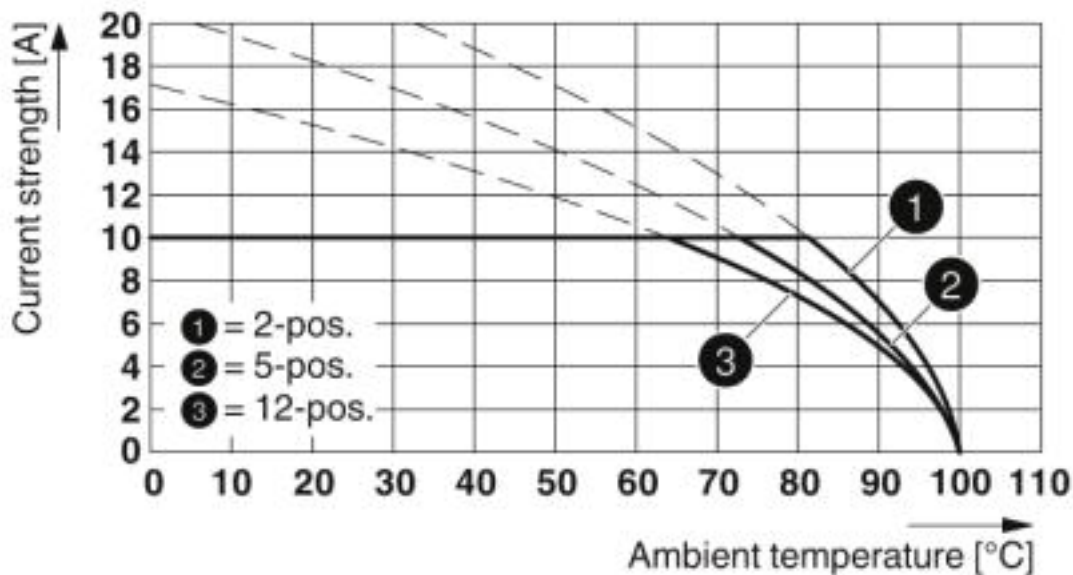
#### Environmental Product Compliance

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

### Drawings

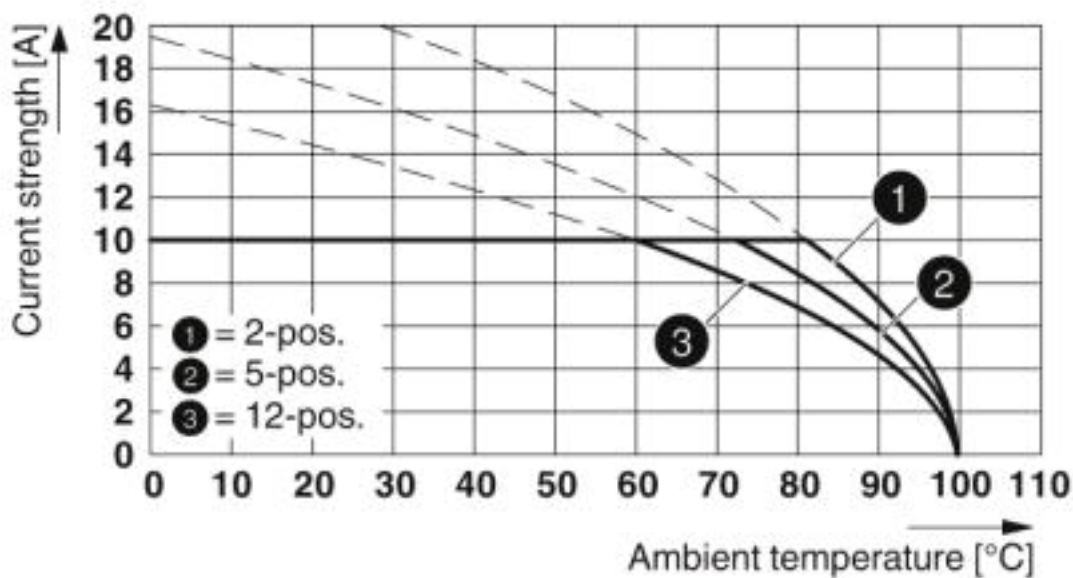
# Feed-through header - MDSTB 2,5/ 3-G - 1762059

Diagram



Type: MSTBT 2,5/...-ST with MDSTB 2,5/...-G

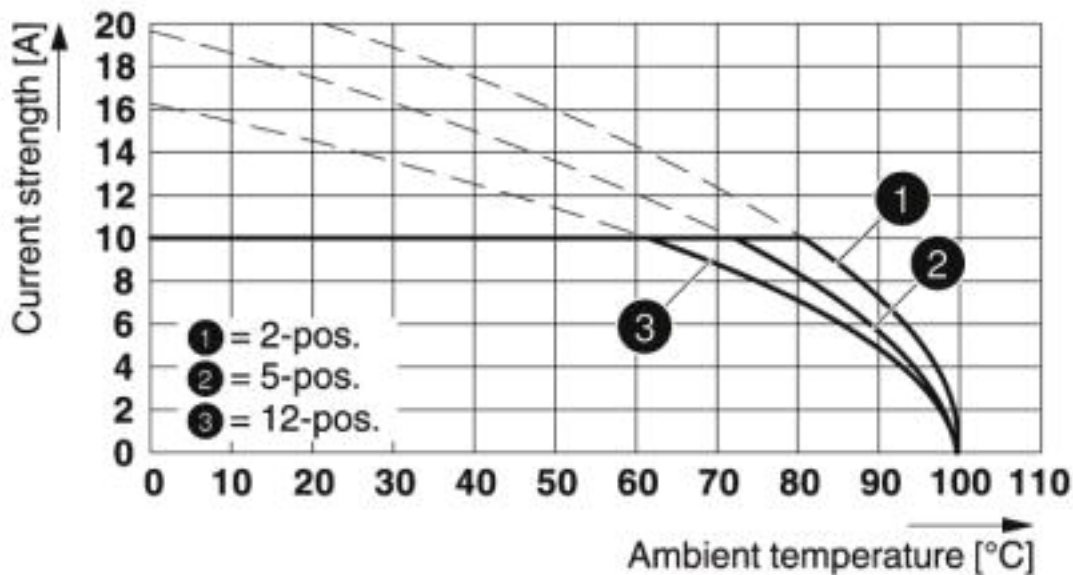
Diagram



Type: FRONT-MSTB 2,5/...-ST with MDSTB 2,5/...-G

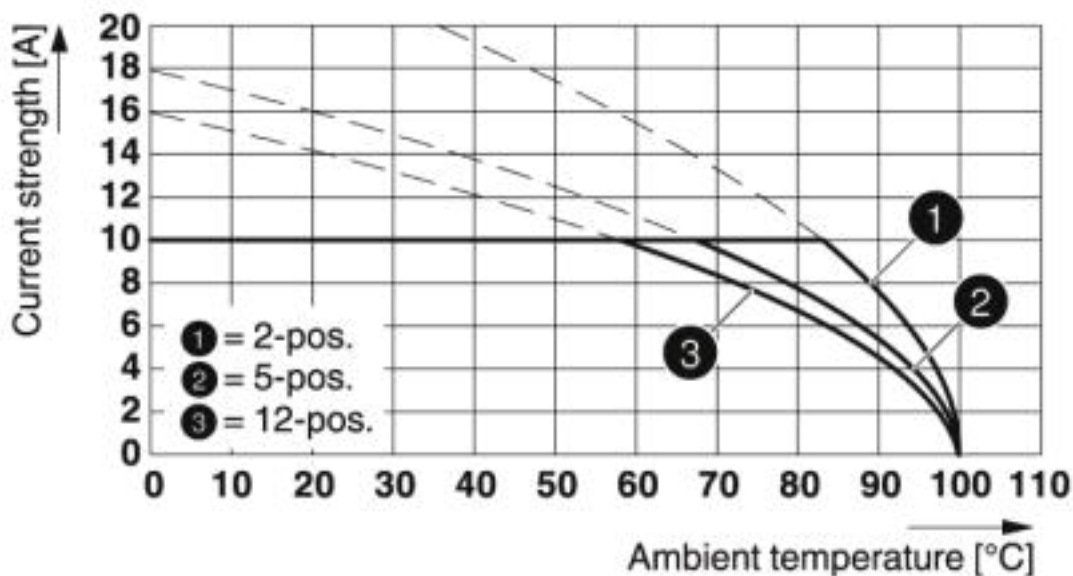
# Feed-through header - MDSTB 2,5/ 3-G - 1762059

Diagram



Type: MSTBP 2,5/...-ST with MDSTB 2,5/...-G

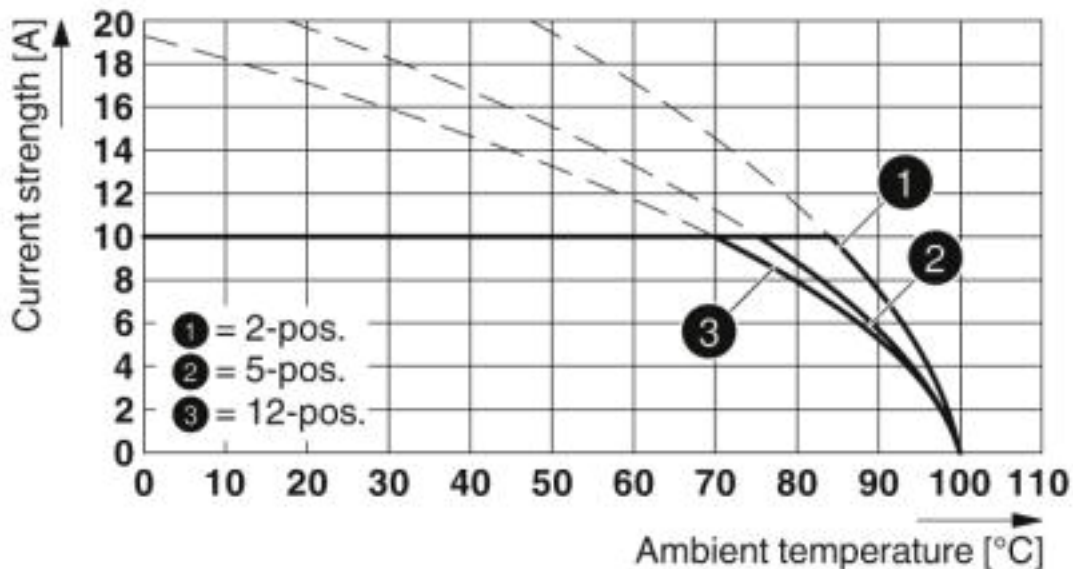
Diagram



Type: MSTB 2,5/...-ST with MDSTB 2,5/...-G

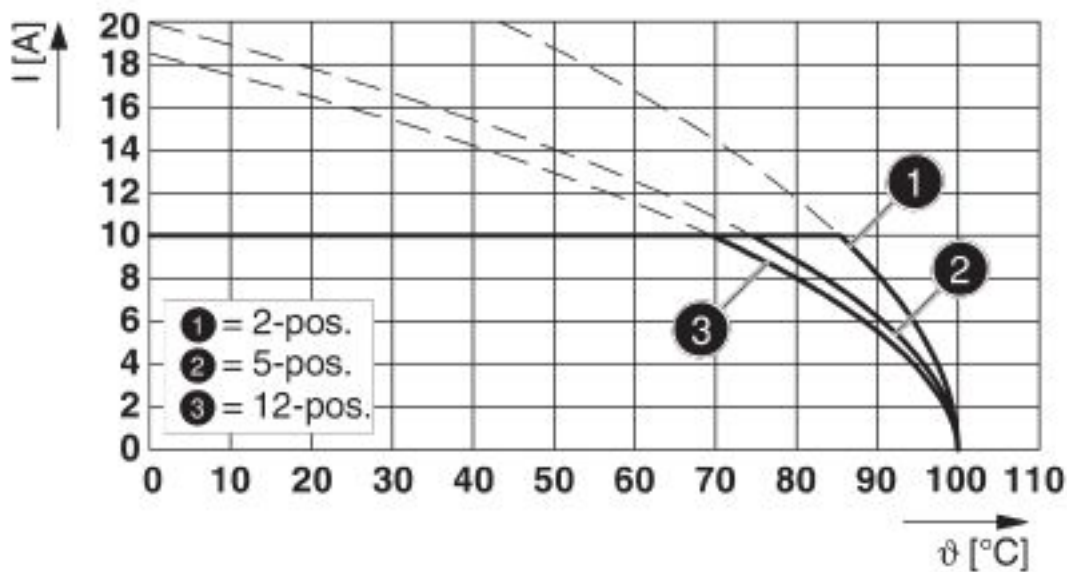
# Feed-through header - MDSTB 2,5/ 3-G - 1762059

Diagram



Type: FKCS 2,5/...-ST with MDSTB 2,5/...-G

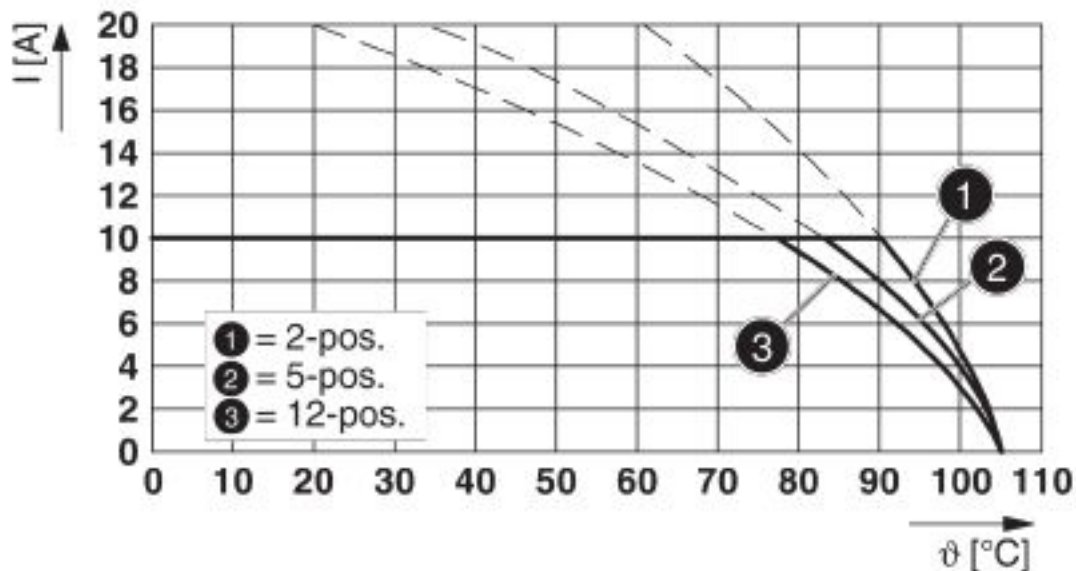
Diagram



Type: FKCN 2,5/...-ST with MDSTB 2,5/...-G

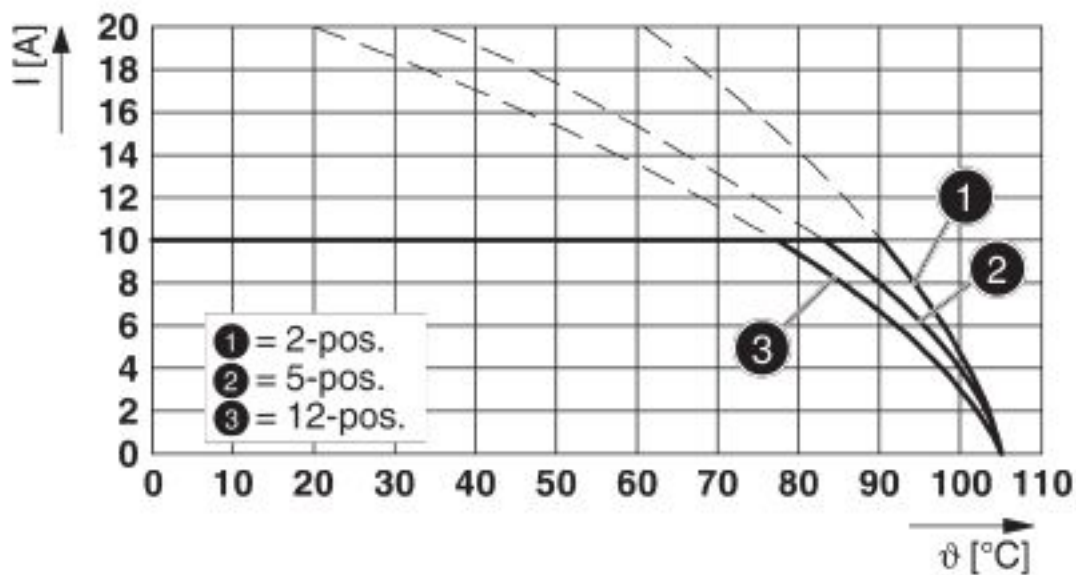
# Feed-through header - MDSTB 2,5/ 3-G - 1762059

Diagram



Type: FKCVR 2,5/...-ST with MDSTB 2,5/...-G

Diagram



Type: FKCVR 2,5/...-ST with MDSTB 2,5/...-G

## Classifications

eCl@ss

eCl@ss 4.0	27260700
eCl@ss 4.1	27260700

<https://www.phoenixcontact.com/gb/products/1762059>



## Feed-through header - MDSTB 2,5/ 3-G - 1762059

### Classifications

#### eCl@ss

eCl@ss 5.0	27260700
eCl@ss 5.1	27260700
eCl@ss 6.0	27260700
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
ETIM 7.0	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 / IEC EE CB Scheme / VDE Gutachten mit Fertigungsüberwachung / EAC / cULus Recognized

#### Ex Approvals

#### Approval details


CSA		<a href="http://www.csagroup.org/services-industries/product-listing/">http://www.csagroup.org/services-industries/product-listing/</a>	LR13631-2585950
	B	D	
Nominal voltage UN	300 V	300 V	
Nominal current IN	15 A	15 A	


<https://www.phoenixcontact.com/gb/products/1762059>




## Feed-through header - MDSTB 2,5/ 3-G - 1762059

### Approvals

IECEE CB Scheme		<a href="http://www.iecee.org/">http://www.iecee.org/</a>	DE1-60988-B1B2
Nominal voltage UN	250 V		
Nominal current IN	10 A		

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

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