

# MSTBO 2,5/4-6 ST SET KMGY - Connector set

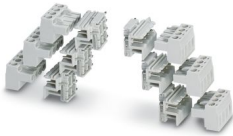


2713764

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Kit consisting of COMBICON header and screw connectors for 6 x 4 positions (24-pos.), color:  
Light gray



## Commercial data

Item number	2713764
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AC08
Product key	ACHADB
GTIN	4017918914493
Weight per piece (including packing)	57.4 g
Weight per piece (excluding packing)	55.31 g
Customs tariff number	85366930
Country of origin	DE

# MSTBO 2,5/4-6 ST SET KMGY - Connector set



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## Set consists of

### MSTBO 2,5/ 4-G1L KMGY - PCB header

2907774

<https://www.phoenixcontact.com/us/products/2907774>



PCB headers, nominal cross section: 2.5 mm<sup>2</sup>, color: light gray, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Sn, contact connection type: Pin, number of potentials: 4, number of rows: 1, number of positions: 4, number of connections: 4, product range: MSTBO 2,5/..-G1L, pitch: 5 mm, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.5 mm, number of solder pins per potential: 1, Pin connector pattern alignment: Orthogonal, locking: without, type of packaging: packed in cardboard, Product with pin output on left side

### MSTBO 2,5/ 4-G1R KMGY - PCB header

2907787

<https://www.phoenixcontact.com/us/products/2907787>



PCB headers, nominal cross section: 2.5 mm<sup>2</sup>, color: light gray, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Sn, contact connection type: Pin, number of rows: 1, number of positions: 4, product range: MSTBO 2,5/..-G1R, mounting: Wave soldering, number of solder pins per potential: 1, Pin connector pattern alignment: Orthogonal, locking: without, Product with pin output on right side

# MSTBO 2,5/4-6 ST SET KMGY - Connector set



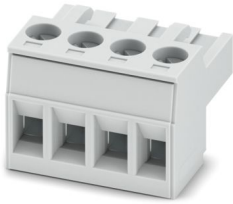
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## MSTBT 2,5/ 4-ST KMGY - PCB connector

1878037

<https://www.phoenixcontact.com/us/products/1878037>



PCB connector, nominal cross section: 2.5 mm<sup>2</sup>, color: light gray, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Sn, contact connection type: Socket, number of potentials: 4, number of rows: 1, number of positions: 4, number of connections: 4, product range: MSTBT 2,5/..-ST, pitch: 5 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, conductor/PCB connection direction: 0 °, pin layout: Linear pinning, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5, locking: without, mounting method: without, type of packaging: packed in cardboard

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## Technical data

### Product properties

Product type	Connector set
Number of positions	4
Pitch	5 mm
Mounting type	without
Pin layout	Linear pinning

### Electrical properties

Rated voltage (II/2)	400 V
Rated voltage (III/2)	320 V
Rated surge voltage (II/2)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (III/3)	4 kV

### Dimensions

Pitch	5 mm
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### Material specifications

Color (Housing)	light gray (RAL 7035)
Insulating material	PA
Contact surface material	Sn

### Mounting

Mounting type	Soldering
Pin layout	Linear pinning

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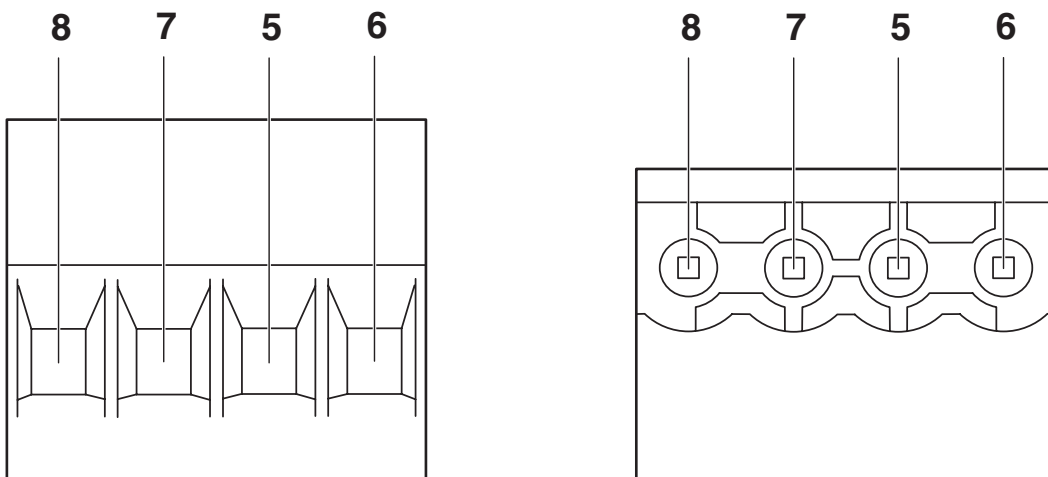


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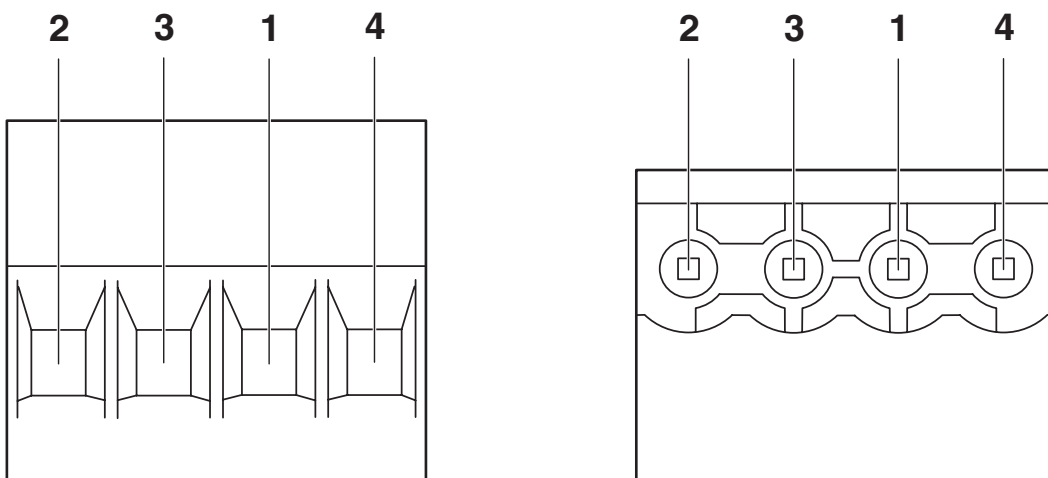
## Drawings

Schematic diagram



Pin assignment right

Schematic diagram



Pin assignment left

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## Classifications

### ECLASS

ECLASS-13.0	27460201
ECLASS-15.0	27460201

### ETIM

ETIM 10.0	EC002637
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### UNSPSC

UNSPSC 21.0	39121400
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

### China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

### EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	18b25eb6-cd91-4aca-9add-2e776882fd0d

### EF3.1 Climate Change

CO2e kg	0.455 kg CO2e
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