

2713748

<https://www.phoenixcontact.com/us/products/2713748>

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Kit consisting of COMBICON header and screw connectors for 6x3 positions (18-pos.), color:
Light gray



Commercial data

Item number	2713748
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AC08
Product key	ACHADB
GTIN	4017918914486
Weight per piece (including packing)	42.3 g
Weight per piece (excluding packing)	39.94 g
Customs tariff number	85366990
Country of origin	DE

MSTBO 2,5/ 3-6 ST SET KMGY - PCB connector



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Set consists of

MSTBO 2,5/ 3-G1L KMGY - PCB header

2853750

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PCB headers, nominal cross section: 2.5 mm², color: light gray, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Sn, contact connection type: Pin, number of potentials: 3, number of rows: 1, number of positions: 3, number of connections: 3, 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, plug-in system: COMBICON MSTB 2,5, Pin connector pattern alignment: Orthogonal, locking: without, type of packaging: packed in cardboard, Product with pin output on left side

MSTBO 2,5/ 3-G1R KMGY - PCB header

2853763

<https://www.phoenixcontact.com/us/products/2853763>



PCB headers, nominal cross section: 2.5 mm², color: light gray, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Sn, contact connection type: Pin, number of potentials: 3, number of rows: 1, number of positions: 3, number of connections: 3, product range: MSTBO 2,5/...-G1R, pitch: 5 mm, connection method: pluggable, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.5 mm, number of solder pins per potential: 1, plug-in system: COMBICON MSTB 2,5, Pin connector pattern alignment: Orthogonal, locking: without, type of packaging: packed in cardboard, Product with pin output on right side

MSTBO 2,5/ 3-6 ST SET KMGY - PCB connector



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MSTBT 2,5/ 3-ST KMGY - PCB connector

1971947

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PCB connector, nominal cross section: 2.5 mm², color: light gray, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Sn, contact connection type: Socket, number of potentials: 3, number of rows: 1, number of positions: 3, number of connections: 3, 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

MSTBO 2,5/ 3-6 ST SET KMGY - PCB connector



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Technical data

Product properties

Product type	PCB headers
Number of positions	3
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

Mounting

Mounting type	Soldering
Pin layout	Linear pinning

Material specifications

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

Dimensions

Pitch	5 mm
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MSTBO 2,5/ 3-6 ST SET KMGY - PCB connector

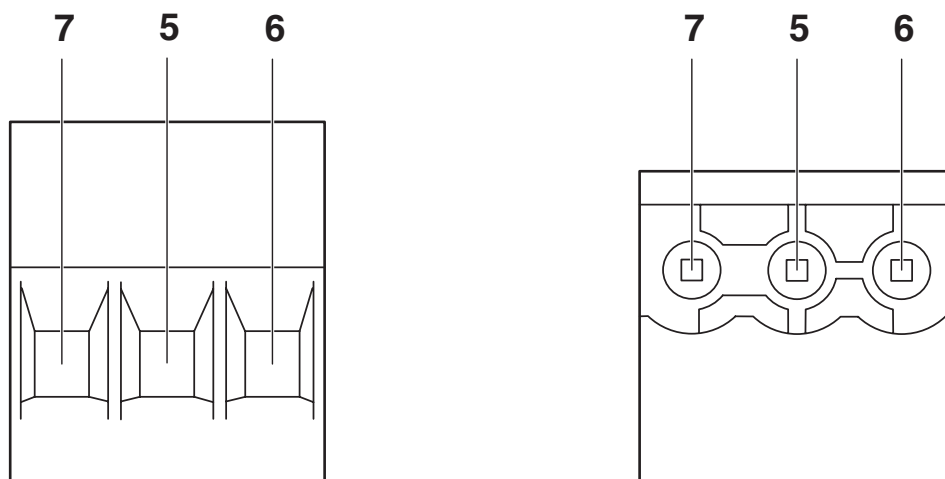


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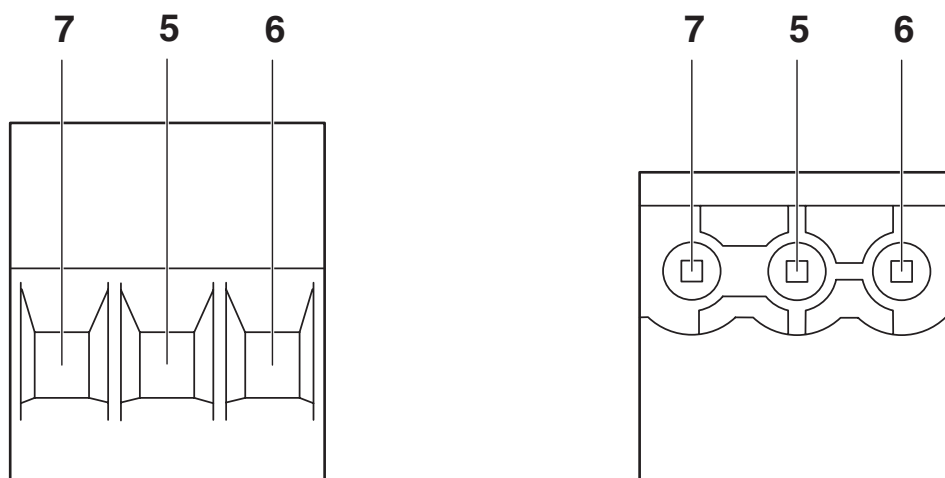
Drawings

Schematic diagram



Pin assignment right

Schematic diagram



Pin assignment right

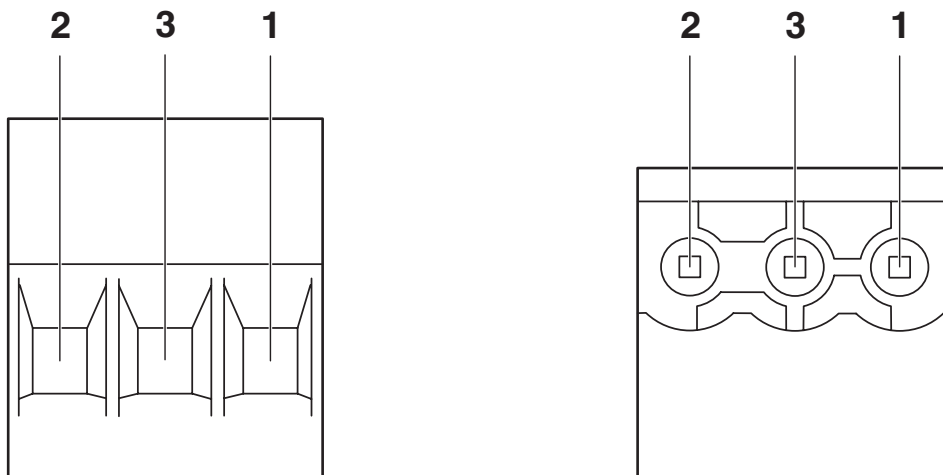
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Schematic diagram



Pin assignment left

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2713748>

 CSA Approval ID: 13631-2585951				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
B	300 V	10 A	28 - 12	-
D	300 V	10 A	28 - 12	-

 VDE approval of drawings Approval ID: 40050648				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine	250 V	8 A	-	-

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Classifications

ECLASS

ECLASS-13.0	27460201
ECLASS-15.0	27460201

ETIM

ETIM 9.0	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, No exemptions
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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.)	No substance above 0.1 wt%
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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com