

Socket terminal block - JBC 2,5/3 - 3240164

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3-pos. socket terminal block with spring-cage connection, for toolless wiring with push-in connection method, for one and multi-strand conductors with a cross section of 0.5 to 2.5 mm², insulation housing transparent.

Why buy this product

- ✓ Thanks to Push-in connection technology, the three junction box connector versions from Phoenix Contact enable tool-free wiring in a small amount of space
- ✓ Different cross sections can be wired together in a junction box connector
- ✓ Solid multi-strand conductors (7 litz wires) with a cross section range of 1.5 mm² to 2.5 mm² can be safely connected
- ✓ Solid single-strand conductors with a cross section range of 0.5 mm² to 2.5 mm² can be connected
- ✓ The transparent housing makes it easier to carry out a visual inspection of the terminal points, thereby increasing wiring safety
- ✓ Integrated test openings enable the use of test devices once wiring has been completed



Key Commercial Data

Packing unit	100 STK
Minimum order quantity	100 STK
GTIN	
GTIN	4046356457941

Technical data

General

Number of positions	3
Number of levels	1
Number of connections	3
Nominal cross section	2.5 mm ²
Color	transparent
Insulating material	PC/PA
Flammability rating according to UL 94	V2
Ambient temperature (operation)	-40 °C ... 90 °C
Maximum load current	24 A

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Technical data

General

Nominal current I_N	24 A
Nominal voltage U_N	450 V

Dimensions

Width	17.2 mm
Length	15.6 mm
Height	8.9 mm
Depth	15.6 mm

Connection data

Connection method	Push-in connection
Conductor cross section solid min.	0.5 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section AWG min.	20
Conductor cross section AWG max.	14
Conductor cross section flexible, with ferrule without plastic sleeve min.	0 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	0 mm ²
Stripping length	8 mm

Standards and Regulations

Flammability rating according to UL 94	V2
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Environmental Product Compliance

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

Approvals

Approvals

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UL Listed / EAC / EAC


Ex Approvals


Approval details

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Approvals

UL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 327420
Nominal voltage UN		600 V	
Nominal current IN		12 A	
mm ² /AWG/kcmil		20-16	

EAC		EAC-Zulassung
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EAC		7500651.22.01.00246
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