PHŒNIX CONTACT

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.

Your advantages

☑ 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

RoHS

Key Commercial Data

Packing unit	100 pc
Minimum order quantity	100 pc
GTIN	4 046356 457941
GTIN	4046356457941

Technical data

General

Number of positions	3
Number of levels	1
Number of connections	3
Nominal cross section	2.5 mm²
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
Stripping length	8 mm
Conductor cross section solid min.	0.5 mm²
Conductor cross section solid max.	2.5 mm²
Conductor cross section AWG min.	20
Conductor cross section AWG max.	14
Conductor cross section flexible, with ferrule without plastic sleeve min.	0 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	0 mm²

Standards and Regulations

Flammability rating according to UL 94	V2

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	
mm²/AWG/kcmil		20-16	

EAC		7500651.22.01.00246

EAC		EAC-Zulassung

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