PCB terminal block - FRONT 4-H-7,62-4 - 1703212

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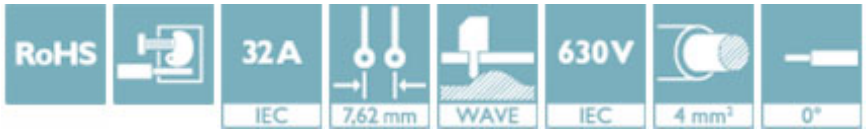
PCB terminal block, nominal current: 32 A, nom. voltage: 630 V, pitch: 7.62 mm, number of positions: 4, connection method: Front screw connection, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green

Why buy this product

- Well-known connection principle allows worldwide use
- Low temperature rise, thanks to maximum contact force
- Allows connection of two conductors
- Operation and conductor connection from one direction enable integration into front of device



Key Commercial Data

Packing unit	10 STK
GTIN	4 017918 329730
GTIN	4017918329730

Technical data

Dimensions

Length [l]	26 mm
Pitch	7.62 mm
Dimension a	22.86 mm
Width [w]	30.48 mm
Constructional height	29.4 mm
Height [h]	34.4 mm
Solder pin [P]	5 mm
Pin dimensions	1 x 0,8 mm
Hole diameter	1.3 mm

General

Range of articles	FRONT 4-H
Rated surge voltage (III/3)	6 kV

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Technical data

General

Rated surge voltage (III/2)	6 kV
Rated surge voltage (II/2)	6 kV
Rated voltage (III/3)	500 V
Rated voltage (III/2)	630 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	32 A
Nominal cross section	4 mm²
Maximum load current	41 A (with 6 mm² conductor cross section)
Flammability rating according to UL 94	V0
Stripping length	14 mm
Number of positions	4
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

Connection data

Conductor cross section solid min.	0.5 mm²
Conductor cross section solid max.	6 mm²
Conductor cross section flexible min.	0.5 mm²
Conductor cross section flexible max.	6 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	4 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	2.5 mm²
Conductor cross section AWG min.	20
Conductor cross section AWG max.	10
2 conductors with same cross section, solid min.	0.5 mm²
2 conductors with same cross section, solid max.	1.5 mm²
2 conductors with same cross section, stranded min.	0.5 mm²
2 conductors with same cross section, stranded max.	1.5 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1 mm²

Standards and Regulations

Connection in acc. with standard	EN-VDE
	CSA

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Standards and Regulations

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

Approvals

Approvals

Approvals

CSA / EAC / cULus Recognized / RS / DNV GL

Ex Approvals

Approval details

CSA http://www.csagroup.org/services-industries/product-listing/ 13631

	D	B
Nominal voltage UN	300 V	300 V
Nominal current IN	10 A	30 A
mm²/AWG/kcmil	22-10	22-10

EAC B.01742

cULus Recognized http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E60425-19860303

	D	B
Nominal voltage UN	300 V	300 V
Nominal current IN	10 A	30 A
mm²/AWG/kcmil	24-10	24-10

RS http://www.rs-head.spb.ru/en/index.php 17.00014.272

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Approvals

DNV GL	http://exchange.dnv.com/tari/	TAE00001EV

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