

Through-Board SMD PCB Terminal Block; 0.75 mm²; Pin spacing 6.5 mm; 3-pole; Push-in CAGE CLAMP®; in tape-and-reel packaging





- SMD PCB terminal block with Push-in CAGE CLAMP® connection for back-side wiring of LED modules
- Low profile of just 1.1 mm on the module's front side
- Connect solid conductors via push-in termination
- Insert fine-stranded conductors and remove all conductors via operating tool

Data

Electrical data

Ratings per IEC/EN 60664-1

Ratings note	Electrical Data for FR4 PCB Type
Rated voltage (III / 3)	320 V
Rated impulse voltage (III / 3)	4 kV
Rated voltage (III / 2)	320 V
Rated impulse voltage (III / 2)	4 kV
Rated voltage (II / 2)	630 V
Rated impulse voltage (II / 2)	4 kV
Rated current	9 A
Ratings according to 2	IEC/EN 60664-1
Ratings note 2	Electrical Data for Metal-Core PCBs
Rated voltage (III / 3) 2	200 V
Rated impulse voltage (III / 3) 2	4 kV
Rated voltage (III / 2) 2	320 V
Rated impulse voltage (III / 2) 2	4 kV
Rated voltage (II / 2) 2	500 V
Rated impulse voltage (II / 2) 2	4 kV
Rated current (2)	9 A
Legend (ratings)	(III / 2) $\triangleq$ Overvoltage category III / Pollution degree 2

Connection data

Connection technology	Push-in CAGE CLAMP®
Actuation type	Operating tool
Solid conductor	0.2 ... 0.75 mm ² / 24 ... 18 AWG
Fine-stranded conductor	0.2 ... 0.75 mm ² / 24 ... 18 AWG
Strip length	8.5 ... 10 mm / 0.33 ... 0.39 Inch
Conductor entry angle to the PCB	0°
No. of poles	3
Number of levels	1
Total number of connection points	3
Total number of potentials	3
Number of connection types	1



Geometrical Data

Pin spacing	6.5 mm (0.256 inch)
Width	15.8 mm / 0.622 inch
Height	7.45 mm / 0.293 inch
Depth	22.2 mm / 0.874 inch
Reel diameter of tape-and-reel packaging	330 mm
Tape width	44 mm

Mechanical data

Design	with Cover
Type of mounting	Through-board
Marking	+ - plain

PCB contact

PCB contact	SMD
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Material Data

Color	white
Material group	I
Insulating material	Polyphthalamide (PPA GF)
Flammability class per UL94	V0
Contact material	Copper alloy
Contact plating	tin-plated
Weight	1.995 g

Environmental Requirements

Limit temperature range	-60 ... +105 °C
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Commercial data

Country of origin	CH
GTIN	4055143652797

Approvals / Certificates

Country specific Approvals

Logo	Approval	Certificate name
	CB DEKRA Certification B.V.	NL-50427
	CB DEKRA Certification B.V.	NL-50427



KEMA/KEUR
DEKRA Certification B.V.

71-102671



KEMA/KEUR
DEKRA Certification B.V.

71-102672

UL-Approvals

Logo	Approval	Certificate name
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UR
Underwriters Laboratories Inc.

E45171

Compatible products

tools



Item no.: 2070-400
Operating tool; of insulating material

www.wago.com/2070-400

Downloads

CAD files

PCB libraries

TARGET Library for WAGO PCB Terminal Blocks Compatible with TARGET PCB Design Software Version 17.x	1.1.0 Oct 6, 2014	ZIP 27.1 MB	Download
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EAGLE Library for WAGO PCB Terminal Blocks Compatible with EAGLE PCB Design Software Version 6.x or higher	2.1 Nov 17, 2017	ZIP 23.9 MB	Download
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DesignSpark Library for WAGO PCB Terminal Blocks Compatible with DesignSpark PCB Version 4.x or higher	2.1 Oct 6, 2014	ZIP 22.5 MB	Download
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CAD data

3D Download 2070-523/998-406	URL	Download
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Subject to changes.

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Do you have any questions about our products?
We are always happy to take your call at {0}.