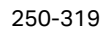
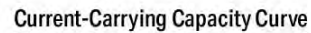


PCB terminal block; push-button; 0.5 mm²; Pin spacing 2.5 mm; 19-pole;
Push-in CAGE CLAMP®

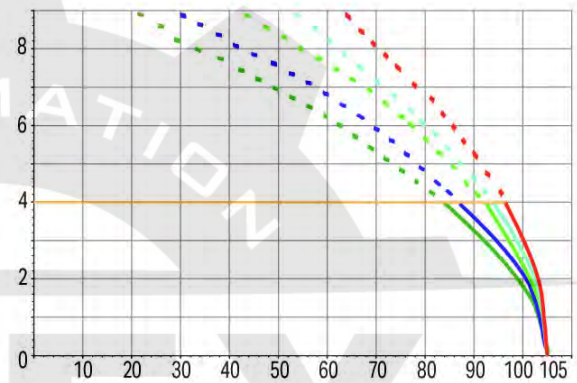


BOMcheck.net

Color: 

Pin spacing: 2.5 mm / Conductor cross-section: 0.5 mm² "f-st"
Based on: EN 60512-5-2 / Reduction factor: 1

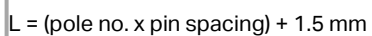
Current in A



Ambient operating temperature in °C

2-, 4-, 6-, 12-, 24-pole

— Conductor rated current



Item description

- Compact PCB terminal strips with push-buttons
- Push-in termination of solid conductors
- Termination/removal of fine-stranded conductors via push-buttons
- 45° conductor entry angle provides easy, space-saving wiring
- Custom color combinations
- Terminal strips also available with spacers upon request

Data

Electrical data

Ratings per IEC/EN 60664-1

Rated voltage (III / 3)	100 V
Rated impulse voltage (III / 3)	2.5 kV
Rated voltage (III / 2)	160 V
Rated impulse voltage (III / 2)	2.5 kV
Rated voltage (II / 2)	320 V
Rated impulse voltage (II / 2)	2.5 kV
Rated current	4 A

Approvals per UL 1059

Rated voltage UL (Use Group B)	300 V
Rated current UL (Use Group B)	5 A
Rated voltage UL (Use Group D)	300 V
Rated current UL (Use Group D)	5 A

Approvals per CSA

Rated voltage CSA (Use Group B)	300 V
Rated current CSA (Use Group B)	2 A
Rated voltage CSA (Use Group D)	300 V
Rated current CSA (Use Group D)	2 A

Connection data

Connection technology	Push-in CAGE CLAMP®
Actuation type	Push-button
Solid conductor	0.14 ... 0.5 mm² / 24 ... 20 AWG
Fine-stranded conductor	0.2 ... 0.5 mm² / 24 ... 20 AWG
Conductor diameter	0.4 ... 0.8 mm

Strip length	8.5 ... 9.5 mm / 0.33 ... 0.37 inch
Conductor entry angle to the PCB	45°
No. of poles	19
Total number of connection points	19
Total number of potentials	19
Number of connection types	1
Number of levels	1

Geometrical Data

Pin spacing	2.5 mm / 0.098 inch
Width	49 mm / 1.929 inch
Height	16.7 mm / 0.657 inch
Height from the surface	13.1 mm / 0.516 inch
Depth	12 mm / 0.472 inch
Solder pin length	3.6 mm
Solder pin dimensions	0.4 x 0.75 mm
Drilled hole diameter (tolerance)	1 ^(- ... +0.1) mm

PCB contact

PCB contact	THT
Solder pin arrangement	over the entire terminal strip, in line
Number of solder pins per potential	1

Material Data

Color	gray
Material group	I
Insulating material	Polyamide 66 (PA 66)
Flammability class per UL94	V0
Clamping spring material	Copper alloy
Contact material	Electrolytic copper (E _{Cu})
Contact plating	tin-plated
Fire load	0.139 MJ
Weight	6.63 g

Environmental Requirements

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

Product Group	4 (Printed Circuit)
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Country of origin	CH
GTIN	4050821573258
Customs Tariff No.	85369010000

Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CSA DEKRA Certification B.V.	C22.2 No. 158	1132097

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL UL International Germany GmbH	UL 1059	E45172 sec. 6
	UL UL International Germany GmbH	UL 1059	E45172 sec. 6

Compatible products

Marking accessories

Item no.: 210-331/250-202 Marking strips; as a DIN A4 sheet; MARKED; 1-16 (400x); Height of marker strip: 2.3 mm/0.091 in; Strip length 182 mm; Horizontal marking; Self-adhesive	210-331
Item no.: 210-331/250-204 Marking strips; as a DIN A4 sheet; MARKED; 17-32 (400x); Height of marker strip: 2.3 mm/0.091 in; Strip length 182 mm; Horizontal marking; Self-adhesive	210-331
Item no.: 210-331/250-206 Marking strips; as a DIN A4 sheet; MARKED; 33-48 (400x); Height of marker strip: 2.3 mm/0.091 in; Strip length 182 mm; Horizontal marking; Self-adhesive	210-331
Item no.: 210-331/250-207 Marking strips; as a DIN A4 sheet; MARKED; 1-48 (100x); Height of marker strip: 2.3 mm/0.091 in; Strip length 182 mm; Horizontal marking; Self-adhesive	210-331

tools

Item no.: 210-647 Operating tool with partially insulated shaft; Blade (2.5 x 0.4) mm; short	210-647
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**Item no.: 210-719**

Operating tool with partially insulated shaft; Type 1, blade (2.5 x 0.4) mm

210-719

check**Item no.: 735-500**

Test pin; 1 mm Ø; with solder connection for test wire

735-500

Downloads**CAD/CAE - Smart Data****CAD data**

3D Download 250-319

URL

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PCB libraries

TARGET Library for WAGO PCB Terminal Blocks

1.1.0

zip

Download

Compatible with TARGET PCB Design Software Version 17.x

Oct 6, 2014

27.1 MB

DesignSpark Library for WAGO PCB Terminal Blocks

2.1

zip

Download

Compatible with DesignSpark PCB Version 4.x or higher

Oct 6, 2014

22.5 MB

EAGLE Library for WAGO PCB Terminal Blocks

2.1

zip

Download

Compatible with EAGLE PCB Design Software Version 6.x or higher

Oct 6, 2014

23.9 MB

Subject to changes.