

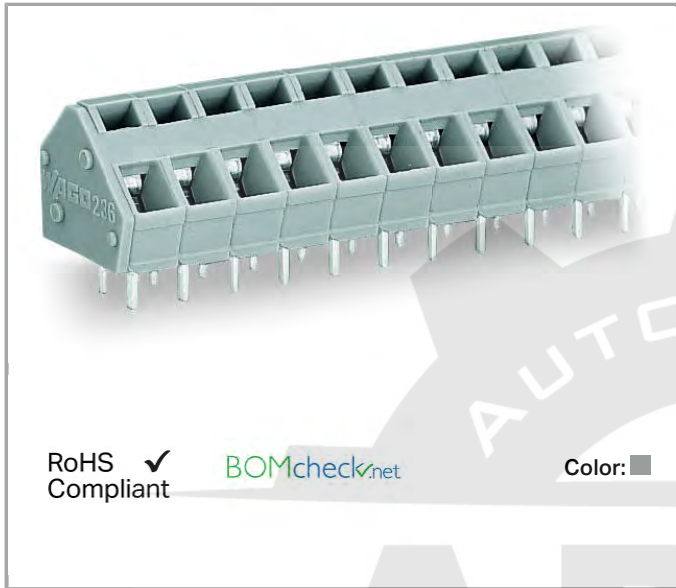
Data sheet | Item number: 236-419

PCB terminal block; 2.5 mm²; Pin spacing 5/5.08 mm; 19-pole; CAGE

CLAMP®; commoning option; 2,50 mm²; gray



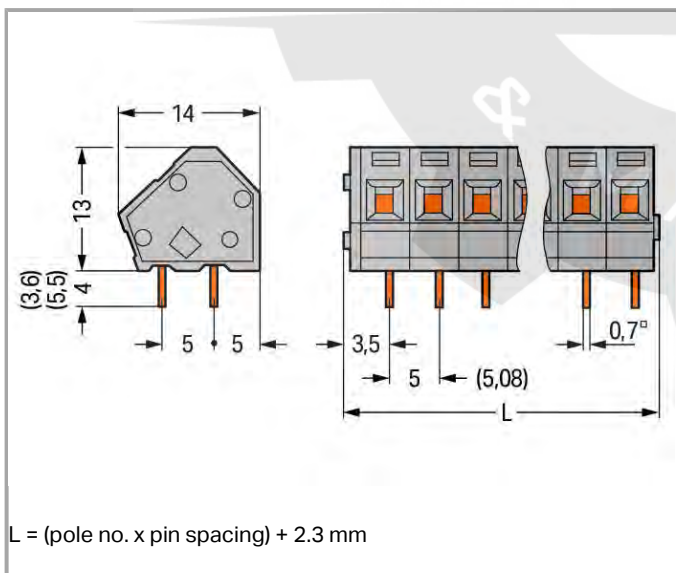
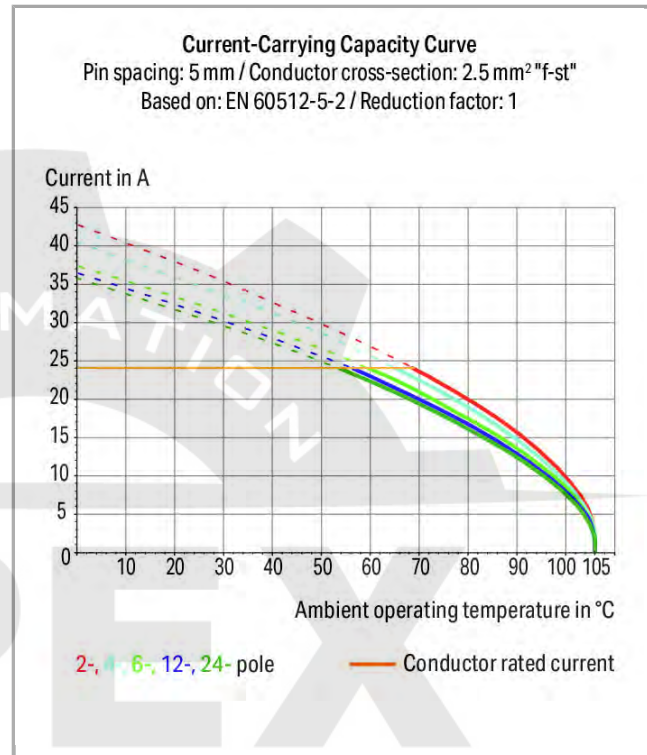
236-419



RoHS
Compliant

BOMcheck.net

Color: ■



Item description

- PCB terminal strips with CAGE CLAMP® connection and screwdriver actuation parallel or perpendicular to conductor entry



- Versions with Ex approval
- Mixed-color PCB terminal strips from factory
- Operating tools for factory wiring
- 45° conductor entry angle permits a wide range of applications and wiring options
- Set to metric or inch pin spacing by compressing PCB terminal strips or pulling them apart

Data

Electrical data

Ratings per IEC/EN 60664-1

Rated voltage (III / 3)	250 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	24 A

Approvals per UL 1059

Rated voltage UL (Use Group B)	300 V
Rated current UL (Use Group B)	15 A
Rated voltage UL (Use Group D)	300 V

Approvals per CSA

Rated voltage CSA (Use Group B)	300 V
Rated current CSA (Use Group B)	15 A
Rated voltage CSA (Use Group D)	300 V
Rated current CSA (Use Group D)	10 A

Connection data

Connection technology	CAGE CLAMP®
Actuation type	Operating tool
Solid conductor	0.08 2.5 mm² / 28 12 AWG
Fine-stranded conductor	0.08 2.5 mm² / 28 12 AWG
Fine-stranded conductor with ferrule with plastic collar	0.25 1.5 mm²
Fine-stranded conductor with ferrule without plastic collar	0.25 1.5 mm²
Strip length	5 6 mm / 0.2 0.24 inch
Conductor entry angle to the PCB	45°
Note (conductor cross-section)	12 AWG: THHN, THWN

Total number of connection points	19
Total number of potentials	19
Number of connection types	1
Number of levels	1
No. of poles	19

Geometrical Data

Pin spacing	5/5.08 mm / 0.197/0.2 inch
Width	97.3 mm / 3.831 inch
Height	17 mm / 0.669 inch
Height from the surface	13 mm / 0.512 inch
Depth	14 mm / 0.551 inch
Solder pin length	4 mm
Solder pin dimensions	0.7 x 0.7 mm
Drilled hole diameter (tolerance)	1.1 ^(- ... +0.1) mm

PCB contact

PCB contact	THT
Solder pin arrangement	over the entire terminal strip, in line
Number of solder pins per potential	2

Material Data

Color	gray
Material group	I
Insulating material	Polyamide 66 (PA 66)
Flammability class per UL94	V0
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Electrolytic copper (E _{Cu})
Contact plating	tin-plated
Fire load	0.232 MJ
Weight	16.811 g

Environmental Requirements

Limit temperature range	-60 +105 °C
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Commercial data

Product Group	4 (Printed Circuit)
GTIN	4044918771252

Approvals / Certificates

Radio-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CSA DEKRA Certification B.V.	C22.2 No. 158	1673957

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Additional Information

Technical explanations

Apr 3, 2019

pdf
3.6 MB[Download](#)

Subject to changes.