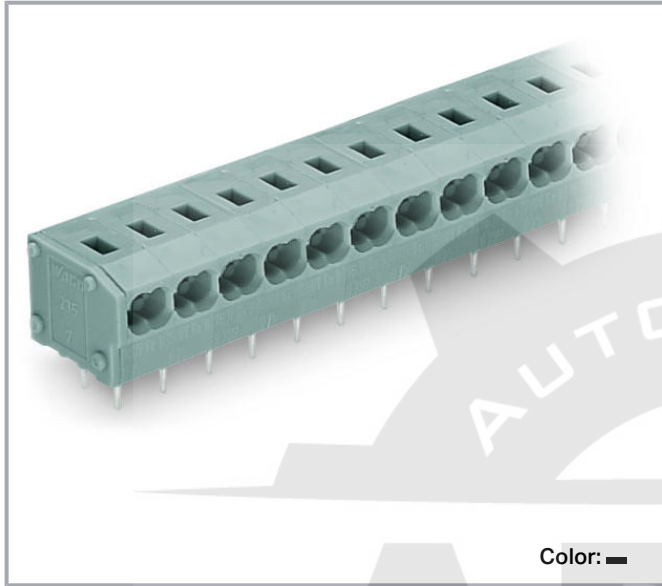


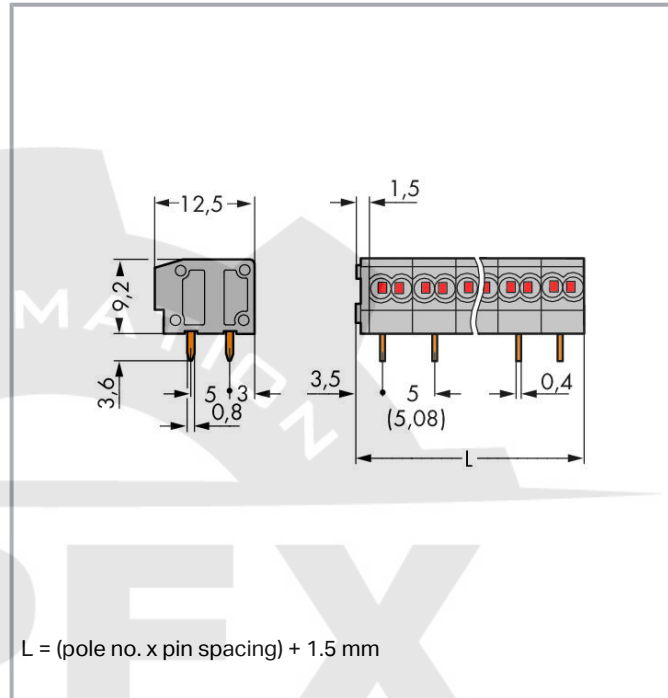
Data sheet | Item number: 235-452/331-004

2-conductor PCB terminal block; push-button; 0.75 mm²; Pin spacing 5/5.08 mm; 2-pole; PUSH WIRE®; 0,75 mm²; black

www.wago.com/235-452_331-004



Color: ■



Item description

- Low-profile terminal strips with screwdriver-actuated PUSH WIRE® termination
- Double-conductor connection for supply and distribution of signals – ideal for standard, single-conductor signal lines – suitable for push-in termination
- Double solder pins for high mechanical stability
- Combines with all 235 Series modular terminal blocks
- Set to metric or inch pin spacing by compressing terminal strips together or pulling them apart
- Conductor removal via screwdriver (2.5mm x 0.4mm)
- Also available with test slot

Data

Electrical data

Subject to changes. Please also observe the further product documentation!

WAGO Corporation
Germantown, WI 53022
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Email: info.us@wago.com | Web: www.wago.us

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IEC Approvals

Ratings per	IEC/EN 60664-1
Rated voltage (III / 3)	250 V
Rated surge voltage (III/3)	4 kV
Rated voltage (III/2)	320 V
Rated surge voltage (III/2)	4 kV
Nominal voltage (II/2)	630 V
Rated surge voltage (II/2)	4 kV
Rated current	10 A
Legend (ratings)	(III / 2) \triangleq Overvoltage category III / Pollution degree 2

UL Approvals

Approvals per	UL 1059
Rated voltage UL (Use Group B)	300 V
Rated current UL (Use Group B)	10 A
Rated voltage UL (Use Group D)	300 V
Rated current UL (Use Group D)	10 A

CSA Approvals

Approvals per	CSA
Rated voltage CSA (Use Group B)	300 V
Rated current CSA (Use Group B)	10 A

Connection data

Connection technology	PUSH WIRE®
Actuation type	Operating tool
Solid conductor	0.25 ... 0.75 mm ² / 24 ... 18 AWG
Fine-stranded conductor; with uninsulated ferrule	0.25 ... 0.34 mm ²
Strip length	9 ... 10 mm / 0.35 ... 0.39 inch
Conductor connection direction to PCB	0°
Pole No.	2
Total number of connection points	4
Total number of potentials	2
Number of connection types	1
Number of levels	1

Subject to changes. Please also observe the further product documentation!

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Physical data

Pin spacing	5/5.08 mm / 0.197/0.2 inch
Width	11.5 mm / 0.453 inch
Height	12.8 mm / 0.504 inch
Height from the surface	9.2 mm / 0.362 inch
Depth	12.5 mm / 0.492 inch
Solder pin length	3.6 mm
Solder pin dimensions	0.8 x 0.4 mm
Drilled hole diameter with 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	2

Material data

Color	black
Material group	I
Insulation material	Polyamide (PA66)
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	0.029 MJ
Weight	1.6 g

Environmental requirements

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

Packaging type	BOX
Country of origin	CN
GTIN	4055144064711
Customs tariff number	85369010000

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Downloads

Documentation

Additional Information

Technical explanations	Apr 3, 2019	pdf 2.0 MB	Download
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CAD files

CAD data

2D/3D Models 235-452/331-004	URL	Download
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CAE data

ZUKEN Portal 235-452/331-004	URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 235-452/331-004 2-conductor PCB terminal block; push-button; 0.75 mm ² ; Pin spacing 5/5.08 mm; 2-pole; PUSH WIRE®; 0,75 mm ² ; black	URL	Download
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Installation Notes

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