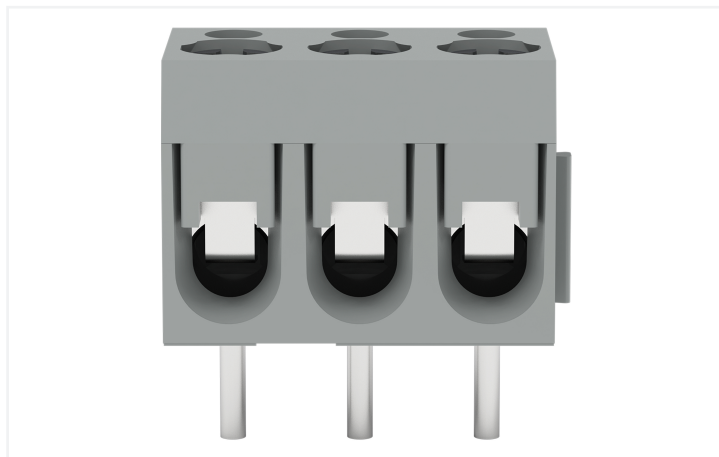
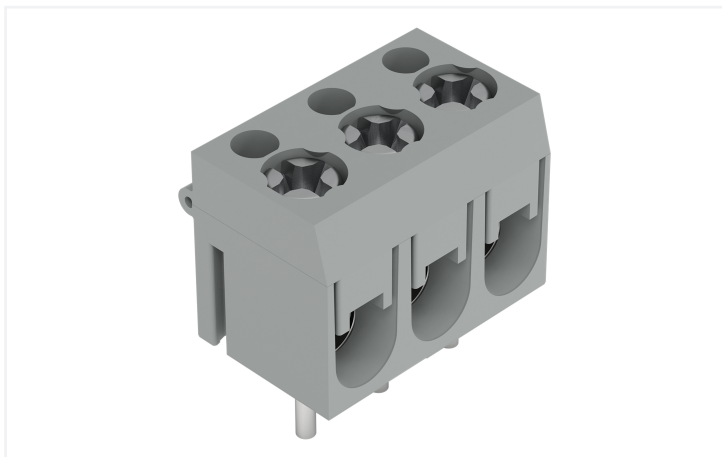


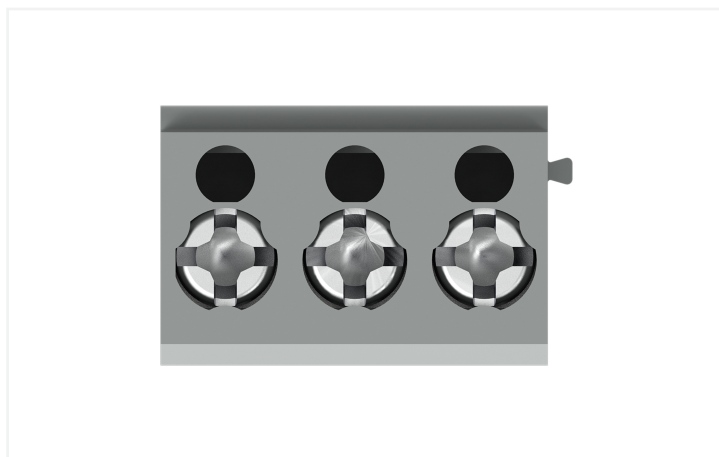
## Data Sheet | Item Number: 237-103

PCB terminal block; 2.5 mm<sup>2</sup>; Pin spacing 5 mm; 3-pole; gray

<https://www.wago.com/237-103>



Color: ■ gray



PCB terminal block, 237 Series, 0° conductor entry to board

Connect conductors quickly and safely with this PCB terminal block (item number 237-103). It offers the flexibility needed for different mounting types. Ensure that the strip lengths are between 5 and 7 mm when connecting conductors to this PCB terminal block. Featuring one conductor terminal along with a screw connection, this connector outperforms the competition. When properly tightened, screw-clamp connections ensure that wires are connected securely—both physically and electrically—as they contact a large section of wire. This PCB terminal block is suitable for conductor cross sections ranging from 0.5 mm<sup>2</sup> to 2.5 mm<sup>2</sup>.

The contact surface is coated with tin. An operating tool is used to operate this PCB terminal block. THT is used to solder the PCB terminal block. Insert the conductor into the board at a 0° angle..

### Electrical data

Ratings per	IEC/EN 60664-1		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	-	250 V	-
Rated impulse withstand voltage	-	2.5 kV	-
Rated current	-	16 A	-

### Connection data

Clamping units	3
Total number of potentials	3
Number of connection types	1
Number of levels	1

### Connection 1

Connection technology	Screw connection
Actuation type	Operating tool
Solid conductor	0.5 ... 2.5 mm <sup>2</sup> / 20 ... 14 AWG
Fine-stranded conductor	0.5 ... 2.5 mm <sup>2</sup> / 20 ... 14 AWG
Strip length	5 ... 7 mm / 0.2 ... 0.28 inches
Conductor connection direction to PCB	0°
Pole number	3

### Physical data

Pin spacing	5 mm / 0.197 inches
Width	15 mm / 0.591 inches
Height from the surface	11 mm / 0.433 inches
Depth	9 mm / 0.354 inches
Solder pin length	4.5 mm
Solder pin diameter	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

Note (material data)	<a href="#">Information on material specifications can be found here</a>
Color	gray
Material group	I
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Clamping spring material	Chrome-nickel spring steel (CrNi)
Contact material	Electrolytic copper (E <sub>Cu</sub> )
Contact Plating	Tin
Fire load	0.024 MJ
Weight	2.9 g

### Environmental requirements

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

Product Group	4 (Printed Circuit Connectors)
PU (SPU)	400 (100) pcs
Packaging type	Box
Country of origin	IN
GTIN	4045454539788
Customs tariff number	85369010000

**Product Classification**

UNSPSC	39121409
eCl@ss 10.0	27-44-04-01
eCl@ss 9.0	27-44-04-01
ETIM 9.0	EC002643
ETIM 10.0	EC002643
ECCN	NO US CLASSIFICATION

**Environmental Product Compliance**

CAS-No.	7439-92-1
REACH Candidate List Substance	Lead
RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	6(c)
SCIP notification number (Austria)	5b6a605f-5440-4169-bef2-142b8d04dc6e
SCIP notification number (Belgium)	b04cf0f6-1700-4921-95b7-165e73045cf6
SCIP notification number (Bulgaria)	52044553-6ef1-4e57-af61-63b6cf165e98
SCIP notification number (Czech Republic)	4c4254cd-5b22-4eb0-9911-4d6efaa1fec1
SCIP notification number (Denmark)	c99046f8-caa9-448c-818b-c9826476f5d5
SCIP notification number (Finland)	4cd8c859-e2f7-42ce-9faa-81e6a8e8e827
SCIP notification number (France)	4980ed86-fb41-44b2-9bcf-ba48f3b87e73
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SCIP notification number (Italy)	1d899881-11a0-415c-88cb-676716423bfb
SCIP notification number (Netherlands)	8c147065-385a-4f6e-a003-0c4acf1657d7
SCIP notification number (Poland)	502c4af7-8654-4b70-858f-d8997032b476
SCIP notification number (Romania)	0b67f990-2712-4a32-93e9-40246fb802bc
SCIP notification number (Sweden)	599c7b18-188e-483c-bae2-f83de9cb3dd2


**Approvals / Certificates**

**Declarations of conformity and manufacturer's declarations**

Approval	Standard	Certificate Name
EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
UK-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-

**Downloads**

**Environmental Product Compliance**

<b>Compliance Search</b>
Environmental Product Compliance 237-103 

### Documentation

#### Additional Information

Technical Section	03.04.2019	pdf 2027.26 KB	<a href="#">↓</a>
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### CAD/CAE-Data

#### CAD data

2D/3D Models 237-103	<a href="#">↓</a>
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#### CAE data

EPLAN Data Portal 237-103	<a href="#">↓</a>
ZUKEN Portal 237-103	<a href="#">↓</a>