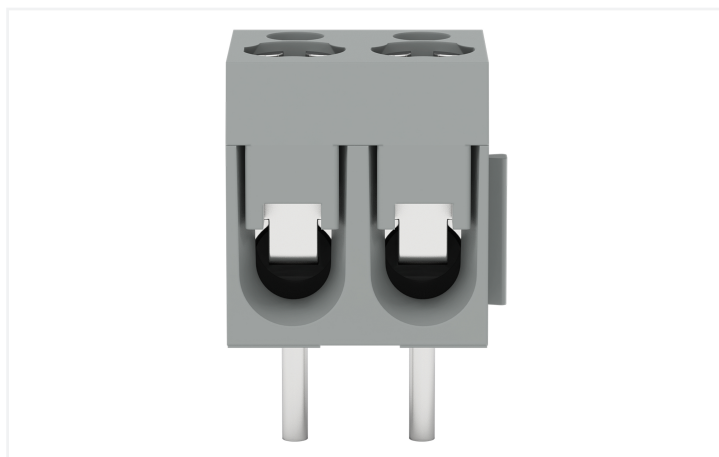
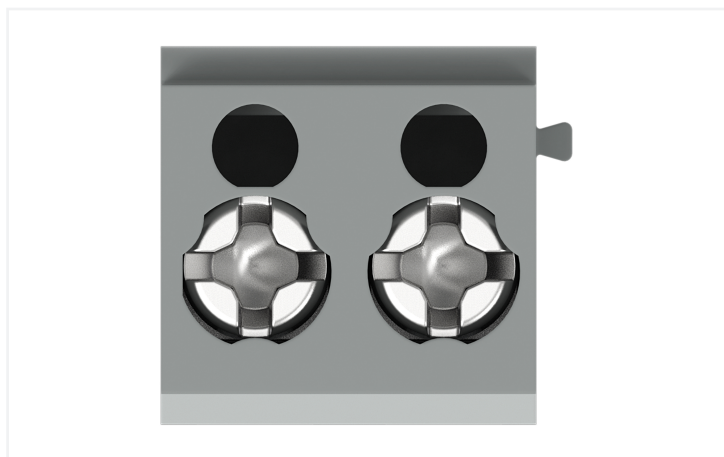


Color: ■ gray



PCB terminal block, 237 Series, screw connection

This PCB terminal block (item number 237-102) streamlines wire connections, making them both quick and easy. 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 delivers reliable performance. When properly tightened, screw-clamp connections ensure that wires are connected securely—both physically and electrically—as they make contact with a large section of wire. Depending on the conductor type, 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>.

Tin is used for coating the contact surfaces. This PCB terminal block is operated with an operating tool. THT is used to solder the PCB terminal block. Insert the conductor at a 0° angle..

**Electrical data**

Ratings per	IEC/EN 60664-1		
	III	III	II
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	2
Total number of potentials	2
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	2

### Physical data

Pin spacing	5 mm / 0.197 inches
Width	10 mm / 0.394 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	0.017 MJ
Weight	1.9 g

### Environmental requirements

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

PU (SPU)	600 (100) pcs
Packaging type	Box
Country of origin	IN
GTIN	4045454539771
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)	dc729151-ec81-403c-9cbc-83c6490cd768
SCIP notification number (Belgium)	f221eb49-9152-4748-a995-2c5e33d9428d
SCIP notification number (Bulgaria)	31bb17a1-daa2-4d48-9d10-defbd70711db
SCIP notification number (Czech Republic)	772a84e4-a54f-4255-b718-176ed31c37f1
SCIP notification number (Denmark)	d8287e93-1151-4b87-91ca-3dc72d35a1b2
SCIP notification number (Finland)	00009967-8926-4df3-96db-6b668c2f96c0
SCIP notification number (France)	6085c569-07c4-415a-a096-b2a46a6bef5c
SCIP notification number (Germany)	1f6c2566-3e0d-43b7-ba5a-81e20a393e65
SCIP notification number (Hungary)	4c1f7b82-9e4d-4f6b-85f8-46f116b2e386
SCIP notification number (Italy)	a16e1797-f01f-41a4-8b53-79be88257c39
SCIP notification number (Netherlands)	a3e481c0-3110-44d7-a595-d02b42d73553
SCIP notification number (Poland)	839f4785-c352-4864-855d-5ef1e903c0cc
SCIP notification number (Romania)	6dc88380-525a-4bd5-af55-c0a796e6e2c4
SCIP notification number (Sweden)	00401269-9758-4b01-9a8c-0ab8475df586

**Approvals / Certificates**

General approvals		
Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 60947	NTR NL-7137
CCA DEKRA Certification B.V.	EN 60947	2160584.33
CSA DEKRA Certification B.V.	C22.2 No. 158	70048844
UL Underwriters Laboratories Inc.	UL 1059	20190731-E45172

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

##### Compliance Search

Environmental Product  
Compliance 237-102



### Documentation

#### Additional Information

Technical Section

03.04.2019

pdf

2027.26 KB



### CAD/CAE-Data

#### CAD data

2D/3D Models 237-102



#### CAE data

EPLAN Data Portal  
237-102



ZUKEN Portal 237-102

