

Data Sheet | Item Number: 237-102

PCB terminal block; 2.5 mm²; Pin spacing 5 mm; 2-pole; gray

<https://www.wago.com/237-102>



Color: ■ gray

Electrical data

Ratings per	IEC/EN 60664-1		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	-	250 V	-
Rated surge 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 ² / 20 ... 14 AWG
Fine-stranded conductor	0.5 ... 2.5 mm ² / 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)	Information on material specifications can be found here
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 _{Cu})
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

eCl@ss 10.0	27-44-04-01
eCl@ss 9.0	27-44-04-01
ETIM 9.0	EC002643
ETIM 8.0	EC002643
PU (SPU)	600 (100) pcs
Packaging type	Box
Country of origin	IN
GTIN	4045454539771
Customs tariff number	85369010000

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

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

