Data Sheet | Item Number: 237-103

PCB terminal block; 2.5 mm²; Pin spacing 5 mm; 3-pole; 2,50 mm²; gray

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



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

Connection points	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 mm² / 20 … 14 AWG
Fine-stranded conductor	0.5 … 2.5 mm² / 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

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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	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	0.024 MJ
Weight	2.9 g

Environmental requirements

Limit temperature range	-60 … +105 °C

Commercial data

Product Group	4 (Printed Circuit Connectors)
eCl@ss 10.0	27-44-04-01
eCl@ss 9.0	27-44-04-01
ETIM 8.0	EC002643
ETIM 7.0	EC002643
PU (SPU)	400 (100) pcs
Packaging type	Box
Country of origin	IN
GTIN	4045454539788
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)	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
SCIP notification number (Germany)	7f53d3f9-c2df-42b1-bbb3-59c5bda00fd5
SCIP notification number (Hungary)	3c53129a-fc7f-4041-9cbc-945032e09d13
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

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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 UL International Germany GmbH	UL 1059	E45172

Declarations of conformity and manufacturer's declarations

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

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 237-103

Documentation

Additional Information

Technical Section	03.04.2019	pdf 2010.85 KB

CAD/CAE-Data

CAD data

2D/3D Models 237-103

CAE data

EPLAN Data Portal 237-103

ZUKEN Portal 237-103