

Data sheet | Item number: 237-112

PCB terminal block; 2.5 mm²; Pin spacing 10 mm; 1-pole; 2,50 mm²; gray

www.wago.com/237-112



i Picture differs from the item.

Color:

Data

Electrical data

Ratings per IEC/EN

Ratings per	IEC/EN 60664-1
Rated voltage (III/2)	800 V

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

WAGO GmbH & Co. KG
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Rated impulse voltage (III/2)	6 kV
Rated current	16 A
Legend (ratings)	(III / 2) $\hat{=}$ Overvoltage category III / Pollution degree 2

Connection data

Connection points	1
Total number of potentials	1
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	1

Physical data

Pin spacing	10 mm / 0.394 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

Plug-in connection

Plugging without loss of pin spacing	Yes
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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

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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
Weight	1.3 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 8.0	EC002643
ETIM 7.0	EC002643
PU (SPU)	600 (100) pcs
Packaging type	box
Country of origin	IN
GTIN	4044918683203
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)	8da8b673-17bf-4628-8316-c0c92ca5825f
SCIP notification number (Belgium)	09bba26c-f494-499a-8148-e2d6714ddcbc
SCIP notification number (Bulgaria)	d3f47652-3283-47f4-ac72-452f5d67718d

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SCIP notification number (Czech Republic)	e7bd45eb-ba9b-4999-b160-72caf4f2a2c7
SCIP notification number (Denmark)	359d9f18-5fe9-4790-aacc-e51043d37cfa
SCIP notification number (Finland)	3169b848-74c3-4d3c-9951-4146856cfa60
SCIP notification number (France)	5a7fb5f4-b7a4-4d59-b9c4-55aa8ac6b8ec
SCIP notification number (Germany)	127909ce-fe92-4bb1-917d-81a289c0654f
SCIP notification number (Hungary)	5884893b-482d-4ef1-a7b5-f622f7681d26
SCIP notification number (Italy)	e4edf51f-a818-4800-a5ea-7eb731e5f944
SCIP notification number (Netherlands)	39bb2117-9d58-48ad-a530-048196ab8c50
SCIP notification number (Poland)	53fa05a7-0a6f-401f-b3fc-2c3fda4c1c21
SCIP notification number (Romania)	32dfe6f6-6a30-4d80-8ec2-f2490c7597d4
SCIP notification number (Sweden)	5b0dfae8-25aa-4507-ae64-ba66acf874f8

Approvals / Certificates

General approvals

Logo	Approval	Additional Approval Text	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

Logo	Approval	Additional Approval Text	Certificate name
	EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
	UK-Declaration of Conformity	-	-

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WAGO GmbH & Co. KG

Downloads

Documentation

Additional Information

Technical Section	2019 Apr 3	pdf	Download
Technical explanations		2.0 MB	

CAD/CAE-Data

CAE data

EPLAN Data Portal 237-112	URL	Download
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PCB Design

Symbol and Footprint 237-112	URL	Download
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CAX data for your PCB design, consisting of "schematic symbols and PCB footprints", allow easy integration of the WAGO component into your development environment.

Supported formats:

- Accel EDA 14 & 15
- Altium 6 to current version
- Cadence Allegro
- DesignSpark
- Eagle Libraries
- KiCad
- Mentor Graphics BoardStation
- Mentor Graphics Design Architect
- Mentor Graphics Design Expedition 99 and 2000
- OrCAD 9.X PCB and Capture
- PADS PowerPCB 3, 3.5, 4.X, and 5.X
- PADS PowerPCB and PowerLogic 3.0
- PCAD 2000, 2001, 2002, 2004, and 2006
- Pulsonix 8.5 or newer

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- STL
- 3D STEP
- TARGET 3001!
- View Logic ViewDraw
- Quadcept
- Zuken CadStar 3 and 4
- Zuken CR-5000 and CR-8000

PCB Component Libraries (EDA), PCB CAD Library Ultra Librarian

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 237-112	URL	Download
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Installation Notes

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