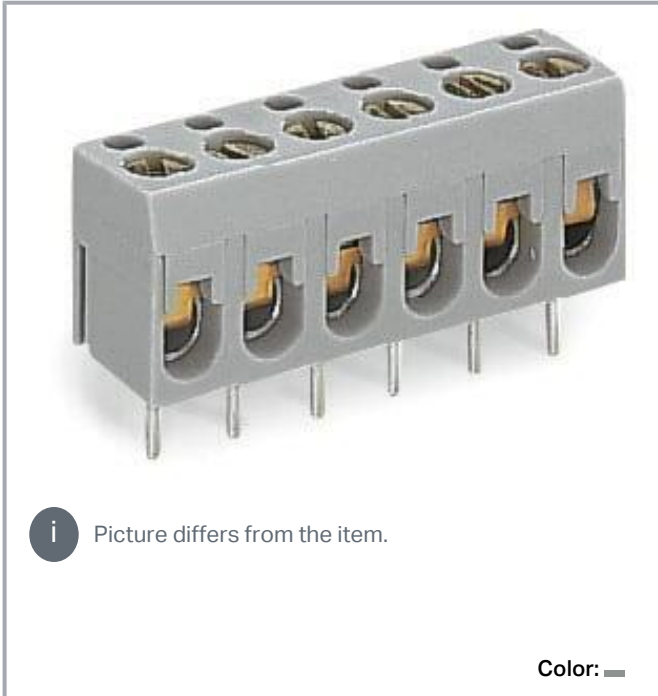


Data sheet | Item number: 237-146

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

www.wago.com/237-146



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
Rated impulse voltage (III/2)	2.5 kV
Rated current	16 A
Legend (ratings)	(III / 2) ≙ Overvoltage category III / Pollution degree 2

Connection data

Connection points	3
Total number of potentials	3
Number of connection types	1

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

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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	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

Plug-in connection

Plugging without loss of pin spacing	Yes
--------------------------------------	-----

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	

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



	Electrolytic copper (E _{Cu})
Contact plating	Tin
Fire load	0.096 MJ
Weight	3.6 g

Environmental requirements

Limit temperature range	-60 ... +105 °C
-------------------------	-----------------

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)	300 (100) pcs
Packaging type	box
Country of origin	IN
GTIN	4045454539979
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)	6d5e2765-fe9a-456f-9a8c-1a8227aa8096
SCIP notification number (Belgium)	deef6818-182e-4c69-a27c-bf5d588aaf4c
SCIP notification number (Bulgaria)	39b006c0-5765-4aaf-a50f-cd26f6fd93c2
SCIP notification number (Czech Republic)	0c1f89c3-1f59-493f-98e3-bbb41acbd649
SCIP notification number (Denmark)	e28d3447-af0d-4d0b-ab82-1c94b42f40aa
SCIP notification number (Finland)	0e87f18f-dfe2-4d75-8abb-5ad16714dbe4
SCIP notification number (France)	51ba026e-5b57-4409-a996-b211d7ec001a
SCIP notification number (Germany)	12aecaab-4485-431b-9111-6fbeaeeabc8
SCIP notification number (Hungary)	bc246ea8-1779-432e-a113-87d5882e4454
SCIP notification number (Italy)	50ab91cf-c109-4516-b3c7-2a350f733ac2
SCIP notification number (Netherlands)	099c80dd-6f02-403e-92cf-c589787325d0
SCIP notification number (Poland)	cd07925a-214d-4479-acd0-31e81cac8abe

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SCIP notification number (Romania)





adefbada-d3a0-45d7-9518-4bedb73c13ea

SCIP notification number (Sweden)



0754b14d-3fe6-4780-8d68-dd0f44ce8db3

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 WAGO GmbH & Co. KG	-	-

Downloads

Documentation

Additional Information

Technical Section	2019 Apr 3	pdf	Download
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CAD/CAE-Data

PCB Design

Symbol and Footprint 237-146

[URL](#)

[Download](#)

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
- 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

CAE data

EPLAN Data Portal 237-146

[URL](#)

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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 237-146

URL

Download

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

Installation Notes

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