



Data
Physical data

Width	1 mm / 0.039 inches
Height	13.6 mm / 0.535 inches
Depth	14.2 mm / 0.559 inches

Mechanical data

Mounting type	snap-on type
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Subject to changes. Please also observe the further product documentation!

WAGO GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.



Material data

Note (material data)

Information on material specifications can be found here

Color	red
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.005 MJ
Weight	0.2 g

Commercial data

Product Group	4 (Printed Circuit Connectors)
eCl@ss 10.0	27-44-04-92
eCl@ss 9.0	27-44-04-92
ETIM 8.0	EC000886
ETIM 7.0	EC000886
ECCN	NO DATA
PU (SPU)	2000 (100) pcs
Packaging type	box
Country of origin	CH
GTIN	4017332535885
Customs tariff number	85389099990

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Required accessories

End plate

PCB terminal block	
	Item no.: 257-451 Stackable PCB terminal block; push-button; 2.5 mm ² ; Pin spacing 5/5.08 mm; 1-pole; CAGE CLAMP®; www.wago.com/257-451 commoning option; 2,50 mm ² ; gray
	Item no.: 257-767 Stackable PCB terminal block; push-button; 2.5 mm ² ; Pin spacing 10/10.16 mm; 1-pole; CAGE CLAMP®; www.wago.com/257-767 commoning option; 2,50 mm ² ; light green
	Item no.: 257-840 Stackable PCB terminal block; push-button; 2.5 mm ² ; Pin spacing 5/5.08 mm; 1-pole; CAGE CLAMP®; www.wago.com/257-840

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commoning option; 2,50 mm²; red

	Item no.: 257-843/999-950 Stackable PCB terminal block; push-button; 2.5 mm ² ; Pin spacing 5/5.08 mm; 1-pole; suitable for Ex-e applications; CAGE CLAMP®; commoning option; 2,50 mm ² ; light gray	www.wago.com/257-843/999-950
	Item no.: 257-842 Stackable PCB terminal block; push-button; 2.5 mm ² ; Pin spacing 5/5.08 mm; 1-pole; CAGE CLAMP®; commoning option; 2,50 mm ² ; dark gray	www.wago.com/257-842
	Item no.: 257-844 Stackable PCB terminal block; push-button; 2.5 mm ² ; Pin spacing 5/5.08 mm; 1-pole; CAGE CLAMP®; commoning option; 2,50 mm ² ; blue	www.wago.com/257-844
	Item no.: 257-847 Stackable PCB terminal block; push-button; 2.5 mm ² ; Pin spacing 5/5.08 mm; 1-pole; CAGE CLAMP®; commoning option; 2,50 mm ² ; light green	www.wago.com/257-847
	Item no.: 257-846 Stackable PCB terminal block; push-button; 2.5 mm ² ; Pin spacing 5/5.08 mm; 1-pole; CAGE CLAMP®; commoning option; 2,50 mm ² ; orange	www.wago.com/257-846
	Item no.: 257-843 Stackable PCB terminal block; push-button; 2.5 mm ² ; Pin spacing 5/5.08 mm; 1-pole; CAGE CLAMP®; commoning option; 2,50 mm ² ; light gray	www.wago.com/257-843
	Item no.: 257-850 Stackable PCB terminal block; push-button; 2.5 mm ² ; Pin spacing 7.5/7.62 mm; 1-pole; CAGE CLAMP®; commoning option; 2,50 mm ² ; red	www.wago.com/257-850
	Item no.: 257-853 Stackable PCB terminal block; push-button; 2.5 mm ² ; Pin spacing 7.5/7.62 mm; 1-pole; CAGE CLAMP®; commoning option; 2,50 mm ² ; light gray	www.wago.com/257-853
	Item no.: 257-854 Stackable PCB terminal block; push-button; 2.5 mm ² ; Pin spacing 7.5/7.62 mm; 1-pole; suitable for Ex-i applications; CAGE CLAMP®; commoning option; 2,50 mm ² ; blue	www.wago.com/257-854
	Item no.: 257-856 Stackable PCB terminal block; push-button; 2.5 mm ² ; Pin spacing 7.5/7.62 mm; 1-pole; CAGE CLAMP®; commoning option; 2,50 mm ² ; orange	www.wago.com/257-856
	Item no.: 257-852 Stackable PCB terminal block; push-button; 2.5 mm ² ; Pin spacing 7.5/7.62 mm; 1-pole; CAGE CLAMP®; commoning option; 2,50 mm ² ; dark gray	www.wago.com/257-852
	Item no.: 257-857 Stackable PCB terminal block; push-button; 2.5 mm ² ; Pin spacing 7.5/7.62 mm; 1-pole; CAGE CLAMP®; commoning option; 2,50 mm ² ; light green	www.wago.com/257-857
	Item no.: 257-853/999-950 Stackable PCB terminal block; push-button; 2.5 mm ² ; Pin spacing 7.5/7.62 mm; 1-pole; suitable for Ex-e applications; CAGE CLAMP®; commoning option; 2,50 mm ² ; light gray	www.wago.com/257-853/999-950
	Item no.: 257-862 Stackable PCB terminal block; push-button; 2.5 mm ² ; Pin spacing 10/10.16 mm; 1-pole; CAGE CLAMP®; commoning option; 2,50 mm ² ; dark gray	www.wago.com/257-862
	Item no.: 257-863/999-950 Stackable PCB terminal block; push-button; 2.5 mm ² ; Pin spacing 10/10.16 mm; 1-pole; suitable for Ex-e applications; CAGE CLAMP®; commoning option; 2,50 mm ² ; light gray	www.wago.com/257-863/999-950

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	Item no.: 257-863 Stackable PCB terminal block; push-button; 2.5 mm ² ; Pin spacing 10/10.16 mm; 1-pole; CAGE CLAMP®; www.wago.com/257-863 commoning option; 2,50 mm ² ; light gray
	Item no.: 257-860 Stackable PCB terminal block; push-button; 2.5 mm ² ; Pin spacing 10/10.16 mm; 1-pole; CAGE CLAMP®; www.wago.com/257-860 commoning option; 2,50 mm ² ; red
	Item no.: 257-866 Stackable PCB terminal block; push-button; 2.5 mm ² ; Pin spacing 10/10.16 mm; 1-pole; CAGE CLAMP®; www.wago.com/257-866 commoning option; 2,50 mm ² ; orange
	Item no.: 257-867 Stackable PCB terminal block; push-button; 2.5 mm ² ; Pin spacing 10/10.16 mm; 1-pole; CAGE CLAMP®; www.wago.com/257-867 commoning option; 2,50 mm ² ; light green
	Item no.: 257-864 Stackable PCB terminal block; push-button; 2.5 mm ² ; Pin spacing 10/10.16 mm; 1-pole; suitable for Ex-i www.wago.com/257-864 applications; CAGE CLAMP®; commoning option; 2,50 mm ² ; blue
	Item no.: 257-501 Stackable PCB terminal block; push-button; 2.5 mm ² ; Pin spacing 7.5/7.62 mm; 1-pole; CAGE CLAMP®; www.wago.com/257-501 commoning option; 2,50 mm ² ; gray
	Item no.: 257-740 Stackable PCB terminal block; push-button; 2.5 mm ² ; Pin spacing 5/5.08 mm; 1-pole; CAGE CLAMP®; www.wago.com/257-740 commoning option; 2,50 mm ² ; red
	Item no.: 257-742 Stackable PCB terminal block; push-button; 2.5 mm ² ; Pin spacing 5/5.08 mm; 1-pole; CAGE CLAMP®; www.wago.com/257-742 commoning option; 2,50 mm ² ; dark gray
	Item no.: 257-743 Stackable PCB terminal block; push-button; 2.5 mm ² ; Pin spacing 5/5.08 mm; 1-pole; CAGE CLAMP®; www.wago.com/257-743 commoning option; 2,50 mm ² ; light gray
	Item no.: 257-746 Stackable PCB terminal block; push-button; 2.5 mm ² ; Pin spacing 5/5.08 mm; 1-pole; CAGE CLAMP®; www.wago.com/257-746 commoning option; 2,50 mm ² ; orange
	Item no.: 257-747 Stackable PCB terminal block; push-button; 2.5 mm ² ; Pin spacing 5/5.08 mm; 1-pole; CAGE CLAMP®; www.wago.com/257-747 commoning option; 2,50 mm ² ; light green
	Item no.: 257-743/999-950 Stackable PCB terminal block; push-button; 2.5 mm ² ; Pin spacing 5/5.08 mm; 1-pole; suitable for Ex-e www.wago.com/257-743/999-950 applications; CAGE CLAMP®; commoning option; 2,50 mm ² ; light gray
	Item no.: 257-750 Stackable PCB terminal block; push-button; 2.5 mm ² ; Pin spacing 7.5/7.62 mm; 1-pole; CAGE CLAMP®; www.wago.com/257-750 commoning option; 2,50 mm ² ; red
	Item no.: 257-752 Stackable PCB terminal block; push-button; 2.5 mm ² ; Pin spacing 7.5/7.62 mm; 1-pole; CAGE CLAMP®; www.wago.com/257-752 commoning option; 2,50 mm ² ; dark gray
	Item no.: 257-744 Stackable PCB terminal block; push-button; 2.5 mm ² ; Pin spacing 5/5.08 mm; 1-pole; CAGE CLAMP®; www.wago.com/257-744 commoning option; 2,50 mm ² ; blue
	Item no.: 257-754 Stackable PCB terminal block; push-button; 2.5 mm ² ; Pin spacing 7.5/7.62 mm; 1-pole; suitable for Ex-i www.wago.com/257-754

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applications; CAGE CLAMP®; commoning option; 2,50 mm²; blue

	Item no.: 257-757 Stackable PCB terminal block; push-button; 2.5 mm²; Pin spacing 7.5/7.62 mm; 1-pole; CAGE CLAMP®; www.wago.com/257-757 commoning option; 2,50 mm²; light green
	Item no.: 257-762 Stackable PCB terminal block; push-button; 2.5 mm²; Pin spacing 10/10.16 mm; 1-pole; CAGE CLAMP®; www.wago.com/257-762 commoning option; 2,50 mm²; dark gray
	Item no.: 257-753/999-950 Stackable PCB terminal block; push-button; 2.5 mm²; Pin spacing 7.5/7.62 mm; 1-pole; suitable for Ex-e applications; CAGE CLAMP®; commoning option; 2,50 mm²; light gray www.wago.com/257-753/999-950
	Item no.: 257-753 Stackable PCB terminal block; push-button; 2.5 mm²; Pin spacing 7.5/7.62 mm; 1-pole; CAGE CLAMP®; www.wago.com/257-753 commoning option; 2,50 mm²; light gray
	Item no.: 257-763 Stackable PCB terminal block; push-button; 2.5 mm²; Pin spacing 10/10.16 mm; 1-pole; CAGE CLAMP®; www.wago.com/257-763 commoning option; 2,50 mm²; light gray
	Item no.: 257-764 Stackable PCB terminal block; push-button; 2.5 mm²; Pin spacing 10/10.16 mm; 1-pole; suitable for Ex-i applications; CAGE CLAMP®; commoning option; 2,50 mm²; blue www.wago.com/257-764
	Item no.: 257-766 Stackable PCB terminal block; push-button; 2.5 mm²; Pin spacing 10/10.16 mm; 1-pole; CAGE CLAMP®; www.wago.com/257-766 commoning option; 2,50 mm²; orange
	Item no.: 257-756 Stackable PCB terminal block; push-button; 2.5 mm²; Pin spacing 7.5/7.62 mm; 1-pole; CAGE CLAMP®; www.wago.com/257-756 commoning option; 2,50 mm²; orange
	Item no.: 257-401 Stackable PCB terminal block; push-button; 2.5 mm²; Pin spacing 5/5.08 mm; 1-pole; CAGE CLAMP®; www.wago.com/257-401 commoning option; 2,50 mm²; gray
	Item no.: 257-651 Stackable PCB terminal block; push-button; 2.5 mm²; Pin spacing 10/10.16 mm; 1-pole; CAGE CLAMP®; www.wago.com/257-651 commoning option; 2,50 mm²; gray
	Item no.: 257-601 Stackable PCB terminal block; push-button; 2.5 mm²; Pin spacing 10/10.16 mm; 1-pole; CAGE CLAMP®; www.wago.com/257-601 commoning option; 2,50 mm²; gray
	Item no.: 257-551 Stackable PCB terminal block; push-button; 2.5 mm²; Pin spacing 7.5/7.62 mm; 1-pole; CAGE CLAMP®; www.wago.com/257-551 commoning option; 2,50 mm²; gray
	Item no.: 257-760 Stackable PCB terminal block; push-button; 2.5 mm²; Pin spacing 10/10.16 mm; 1-pole; CAGE CLAMP®; www.wago.com/257-760 commoning option; 2,50 mm²; red

Downloads

Documentation

Additional Information

Technical Section

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WAGO GmbH & Co. KG

Hansastr. 27

32423 Minden

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Technical explanations

2019 年4月3日

pdf
2.1 MB

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CAD/CAE-Data

CAD data

2D/3D Models 257-500	URL	Download
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CAE data

EPLAN Data Portal 257-500	URL	Download
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ZUKEN Portal 257-500	URL	Download
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Asset Administration Shell

Asset Administration Shell 257-500	URL	Download
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PCB Design

Symbol and Footprint via Ultra Librarian 257-500	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
- Altair
- Altium 6 to current version
- Autodesk Fusion 360
- 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

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- 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
- Zuken eCADSTAR 2020 and 2021Zuken CR-5000 and CR-8000

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

Symbol and Footprint via SamacSys 257-500

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:

- 3D (stp)
- Altium
- CADSTAR
- Capture
- CircuitStudio
- CR-5000
- CR-8000
- DEHDL
- DesignSpark PCB
- DesignSpark PCB PRO
- DipTrace
- EAGLE
- Easy-PC
- EasyEDA
- eCADSTAR
- KiCad
- OrCAD_Allegro16
- PADS
- Proteus

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WAGO GmbH & Co. KG

Hansastr. 27

32423 Minden

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- Pulsonix
- Quadcept
- SOLIDWORKS PCB
- TARGET 3001!
- xDX Designer
- Xpedition

PCB Component Libraries (EDA), PCB CAD Library SamacSys Electronic Component Search Engine

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 257-500	URL	Download
End plate; snap-fit type; 1 mm thick; red		

Installation Notes

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WAGO GmbH & Co. KG
Hansastr. 27
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