



Data
Physical data

Width	1.6 mm / 0.063 inches
Height	23 mm / 0.906 inches
Depth	29.1 mm / 1.146 inches

Mechanical Data

Mounting type	snap-on type
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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)

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



Flammability class per UL94	V0
Fire load	0.021 MJ
Weight	0.7 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
PU (SPU)	500 (100) pcs
Packaging type	box
Country of origin	CH
GTIN	4017332608152
Customs tariff number	85389099990

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Approvals / Certificates

General approvals

Logo	Approval	Additional Approval Text	Certificate name
	CSA DEKRA Certification B.V.	C22.2 No. 158	1604421

Required accessories

End plate

PCB terminal block	
	Item no.: 745-831 Stackable PCB terminal block; 6 mm ² ; Pin spacing 7.5 mm; 1-pole; CAGE CLAMP®; commoning option; www.wago.com/745-831 6,00 mm ² ; gray
	Item no.: 745-837 Stackable PCB terminal block; 6 mm ² ; Pin spacing 7.5 mm; 1-pole; CAGE CLAMP®; commoning option; www.wago.com/745-837 6,00 mm ² ; green-yellow
	Item no.: 745-838

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

WAGO GmbH & Co. KG
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 32423 Minden
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Do you have any questions about our products?
 We are always happy to take your call at +49 (571) 887-44222.



	Stackable PCB terminal block; 6 mm ² ; Pin spacing 7.5 mm; 1-pole; CAGE CLAMP®; commoning option; 6,00 mm ² ; light green	www.wago.com/745-838
	Item no.: 745-843 Stackable PCB terminal block; 6 mm ² ; Pin spacing 10 mm; 1-pole; CAGE CLAMP®; commoning option; 6,00 mm ² ; light gray	www.wago.com/745-843
	Item no.: 745-834 Stackable PCB terminal block; 6 mm ² ; Pin spacing 7.5 mm; 1-pole; suitable for Ex-i applications; CAGE CLAMP®; commoning option; 6,00 mm ² ; blue	www.wago.com/745-834
	Item no.: 745-833 Stackable PCB terminal block; 6 mm ² ; Pin spacing 7.5 mm; 1-pole; CAGE CLAMP®; commoning option; 6,00 mm ² ; light gray	www.wago.com/745-833
	Item no.: 745-841 Stackable PCB terminal block; 6 mm ² ; Pin spacing 10 mm; 1-pole; CAGE CLAMP®; commoning option; 6,00 mm ² ; gray	www.wago.com/745-841
	Item no.: 745-848 Stackable PCB terminal block; 6 mm ² ; Pin spacing 10 mm; 1-pole; CAGE CLAMP®; commoning option; 6,00 mm ² ; light green	www.wago.com/745-848
	Item no.: 745-847 Stackable PCB terminal block; 6 mm ² ; Pin spacing 10 mm; 1-pole; CAGE CLAMP®; commoning option; 6,00 mm ² ; green-yellow	www.wago.com/745-847
	Item no.: 745-844 Stackable PCB terminal block; 6 mm ² ; Pin spacing 10 mm; 1-pole; suitable for Ex-i applications; CAGE CLAMP®; commoning option; 6,00 mm ² ; blue	www.wago.com/745-844
	Item no.: 745-829 Stackable PCB terminal block; 4 mm ² ; Pin spacing 10 mm; 1-pole; CAGE CLAMP®; commoning option; 4,00 mm ² ; green	www.wago.com/745-829
	Item no.: 745-845 Stackable PCB terminal block; 6 mm ² ; Pin spacing 10 mm; 1-pole; suitable for Ex-i applications; CAGE CLAMP®; commoning option; 6,00 mm ² ; black	www.wago.com/745-845

Downloads

Documentation

Additional Information

2019 Apr 3

pdf
2.1 MB

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CAD/CAE-Data

CAD data

2D/3D Models 745-300

URL

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CAE data

EPLAN Data Portal 745-300

URL

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ZUKEN Portal 745-300	URL	Download
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Asset Administration Shell

Asset Administration Shell 745-300	URL	Download
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PCB Design

Symbol and Footprint via Ultra Librarian 745-300	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
- 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

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



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

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

Symbol and Footprint via SamacSys 745-300

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

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

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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 745-300	URL	Download
End plate; snap-fit type; 1.6 mm thick; gray		

Installation Notes

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