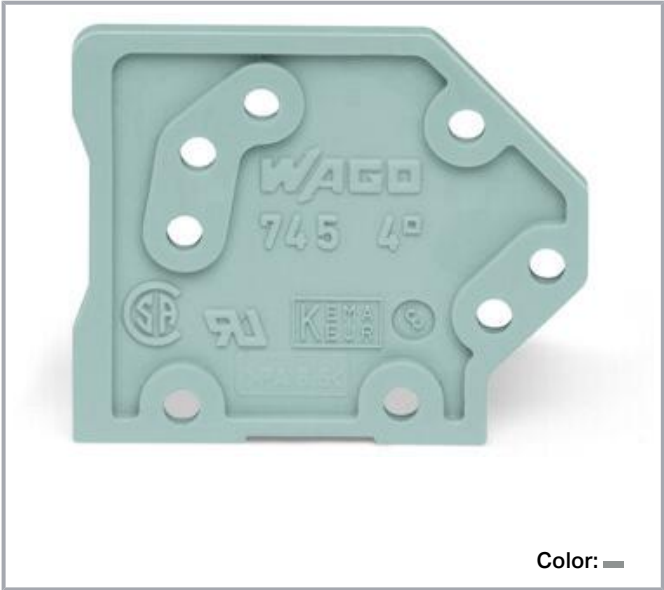




Data
Physical data

Width	1.5 mm / 0.059 inches
Height	19 mm / 0.748 inches
Depth	22.9 mm / 0.902 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)
Flammability class per UL94	V0

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

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Fire load	0.014 MJ
Weight	0.5 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)	1000 (100) pcs
Packaging type	box
Country of origin	CH
GTIN	4017332411851
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.: 745-801 Stackable PCB terminal block; 4 mm ² ; Pin spacing 5 mm; 1-pole; CAGE CLAMP®; commoning option; 4,00 mm ² ; gray	www.wago.com/745-801	
	Item no.: 745-804 Stackable PCB terminal block; 4 mm ² ; Pin spacing 5 mm; 1-pole; suitable for Ex-i applications; CAGE CLAMP®; commoning option; 4,00 mm ² ; blue	www.wago.com/745-804	
	Item no.: 745-811 Stackable PCB terminal block; 4 mm ² ; Pin spacing 7.5 mm; 1-pole; CAGE CLAMP®; commoning option; 4,00 mm ² ; gray	www.wago.com/745-811	

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	Item no.: 745-803 Stackable PCB terminal block; 4 mm ² ; Pin spacing 5 mm; 1-pole; CAGE CLAMP®; commoning option; 4,00 mm ² ; light gray	www.wago.com/745-803
	Item no.: 745-807 Stackable PCB terminal block; 4 mm ² ; Pin spacing 5 mm; 1-pole; CAGE CLAMP®; commoning option; 4,00 mm ² ; green-yellow	www.wago.com/745-807
	Item no.: 745-808 Stackable PCB terminal block; 4 mm ² ; Pin spacing 5 mm; 1-pole; CAGE CLAMP®; commoning option; 4,00 mm ² ; light green	www.wago.com/745-808
	Item no.: 745-813/999-950 Stackable PCB terminal block; 4 mm ² ; Pin spacing 7.5 mm; 1-pole; suitable for Ex-e applications; CAGE CLAMP®; commoning option; 4,00 mm ² ; light gray	www.wago.com/745-813/999-950
	Item no.: 745-814 Stackable PCB terminal block; 4 mm ² ; Pin spacing 7.5 mm; 1-pole; suitable for Ex-i applications; CAGE CLAMP®; commoning option; 4,00 mm ² ; blue	www.wago.com/745-814
	Item no.: 745-817 Stackable PCB terminal block; 4 mm ² ; Pin spacing 7.5 mm; 1-pole; CAGE CLAMP®; commoning option; 4,00 mm ² ; green-yellow	www.wago.com/745-817
	Item no.: 745-818 Stackable PCB terminal block; 4 mm ² ; Pin spacing 7.5 mm; 1-pole; CAGE CLAMP®; commoning option; 4,00 mm ² ; light green	www.wago.com/745-818
	Item no.: 745-821 Stackable PCB terminal block; 4 mm ² ; Pin spacing 10 mm; 1-pole; CAGE CLAMP®; commoning option; 4,00 mm ² ; gray	www.wago.com/745-821
	Item no.: 745-824 Stackable PCB terminal block; 4 mm ² ; Pin spacing 10 mm; 1-pole; suitable for Ex-i applications; CAGE CLAMP®; commoning option; 4,00 mm ² ; blue	www.wago.com/745-824
	Item no.: 745-823 Stackable PCB terminal block; 4 mm ² ; Pin spacing 10 mm; 1-pole; CAGE CLAMP®; commoning option; 4,00 mm ² ; light gray	www.wago.com/745-823
	Item no.: 745-813 Stackable PCB terminal block; 4 mm ² ; Pin spacing 7.5 mm; 1-pole; CAGE CLAMP®; commoning option; 4,00 mm ² ; light gray	www.wago.com/745-813
	Item no.: 745-827 Stackable PCB terminal block; 4 mm ² ; Pin spacing 10 mm; 1-pole; CAGE CLAMP®; commoning option; 4,00 mm ² ; green-yellow	www.wago.com/745-827
	Item no.: 745-828 Stackable PCB terminal block; 4 mm ² ; Pin spacing 10 mm; 1-pole; CAGE CLAMP®; commoning option; 4,00 mm ² ; light green	www.wago.com/745-828
	Item no.: 745-803/999-950 Stackable PCB terminal block; 4 mm ² ; Pin spacing 5 mm; 1-pole; suitable for Ex-e applications; CAGE CLAMP®; commoning option; 4,00 mm ² ; light gray	www.wago.com/745-803/999-950
	Item no.: 745-757 Stackable PCB terminal block; 4 mm ² ; Pin spacing 5 mm; 1-pole; CAGE CLAMP®; commoning option; 4,00 mm ² ; gentian blue	www.wago.com/745-757
	Item no.: 745-815	

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



Stackable PCB terminal block; 4 mm²; Pin spacing 7.5 mm; 1-pole; suitable for Ex-i applications; CAGE CLAMP®; commoning option; 4,00 mm²; black www.wago.com/745-815

Downloads

Documentation

Additional Information

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CAD/CAE-Data

CAD data

2D/3D Models 745-100

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PCB Design

Symbol and Footprint via SamacSys 745-100

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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:

- 3D (stp)
- Altium
- CADSTAR
- Capture
- CircuitStudio
- CR-5000
- CR-8000
- DEHDL
- DesignSpark PCB

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- 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

Symbol and Footprint via Ultra Librarian 745-100

URL

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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

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

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

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 745-100	URL	Download
End plate; 1.5 mm thick; snap-fit type; gray		

Installation Notes

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

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