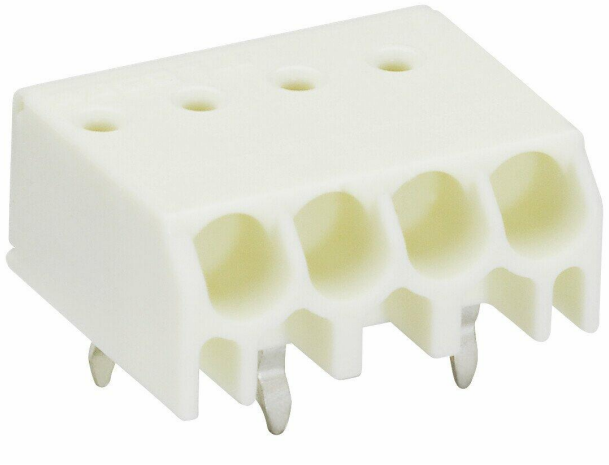
Data sheet | Item number: 744-306

PCB terminal block; 1.5 mm²; Pin spacing 3.5 mm; 6-pole; PUSH WIRE®; 1,50 mm²; white

www.wago.com/744-306



Picture differs from the item.

Color:

Dimensions in mm

Two-pole version with additional anti-rotating pin

For 3 poles and more, L = (pole no. x pin spacing) + 0.9 mm

First solder pin, front right (red circle)

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.

Item description

- PCB terminal blocks with PUSH WIRE® connection
- Push-in termination of solid conductors – low insertion forces
- Just 6.6 mm tall
- Conductor removal via disconnection tool or by twist & pull

Data
Electrical data

Ratings per IEC/EN

Ratings per	IEC/EN 60664-1
Nominal voltage (III/3)	250 V
Rated impulse voltage (III/3)	4 kV
Rated voltage (III/2)	320 V
Rated impulse voltage (III/2)	4 kV
Nominal voltage (II/2)	630 V
Rated surge voltage (II/2)	4 kV
Rated current	3 A
Legend (ratings)	(III / 2) ≙ Overvoltage category III / Pollution degree 2

Ratings per UL

Approvals per	UL 1059
Rated voltage UL (Use Group B)	300 V
Rated current UL (Use Group B)	6 A
Rated voltage UL (Use Group D)	300 V
Rated current UL (Use Group D)	6 A

Connection data

Total number of connection points	6
Total number of potentials	6
Number of connection types	1
Number of levels	1

Connection 1

Connection technology	PUSH WIRE®
Actuation type	Operating tool
Solid conductor	0.5 … 1.5 mm² / 20 … 16 AWG
Strip length	8 … 9 mm / 0.31 … 0.35 inch
Conductor connection direction to PCB	0 °
Pole number	6

Physical data

Pin spacing	3.5 mm / 0.138 inch
Width	21.9 mm / 0.862 inch
Height	10.1 mm / 0.398 inch
Height from the surface	6.6 mm / 0.26 inch
Depth	12.5 mm / 0.492 inch
Solder pin length	3.5 mm
Solder pin dimensions	0.35 x 0.9 mm
Drilled hole diameter with tolerance	1.1 $^{(-0.1)}$ mm

PCB contact

PCB Contact	THT
Solder pin arrangement	over the entire terminal strip (staggered)
Number of solder pins per potential	1

Material data

Note (material data)	Information on material data can be found here
Color	white
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Clamping spring material	Copper alloy
Contact material	Copper alloy
Contact plating	Tin
Weight	1.7 g

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.

Environmental requirements

Limit temperature range	-60 … +105 °C

Commercial data

PU (SPU)	500 Stück
Packaging type	box
Country of origin VKOrg Germany	CH
GTIN	4055143300544
Customs tariff number VKOrg Germany	85369010000

Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	AOC DEKRA Certification B.V.	EN 60998	2226904.01-AOC

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL Underwriters Laboratories Inc.	UL 1059	E45172

Optional accessories

Tool

Operating tool

Item no.: 206-841
Disconnection tool; for 744 Series; multicoloured
www.wago.com/206-841

Downloads

Documentation

Additional Information

Technical Section Technical explanations	2019年4月3日	pdf 2.0 MB	Download

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.

CAD/CAE-Data

CAD data

2D/3D Models 744-306	URL	Download

PCB Design

Symbol and Footprint 744-306	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

ZUKEN Portal 744-306

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.

	URL	Download

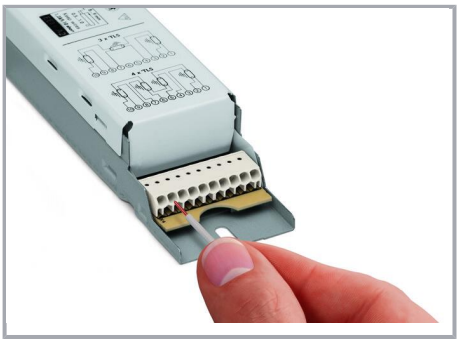
Environmental Product Compliance

Compliance Search

	URL	Download
Environmental Product Compliance 744-306 PCB terminal block; 1.5 mm²; Pin spacing 3.5 mm; 6-pole; PUSH WIRE®; 1,50 mm²; white	URL	Download

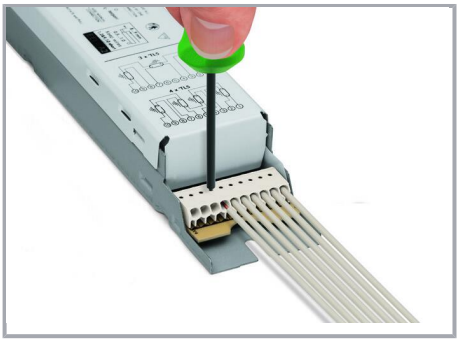
Installation Notes

Conductor termination



Inserting a conductor via push-in termination.

Conductor removal



Removing a conductor via 1.0 mm Ø disconnection tool (206-841).

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

WAGO:

859-798 2002-1207 2086-1107 2636-3108/020-000 2787-2144 750-638/025-000 751-9301 233-508
759-302 852-1322 859-354 885-566 2606-3353 2624-1312 769-131 2102-1204 260-105 261-402
2624-3502 2636-1355 769-413 855-3001/250-001 235-502 236-506 890-503 207-4301 750-1405/040-000
769-428 2010-1205 236-424