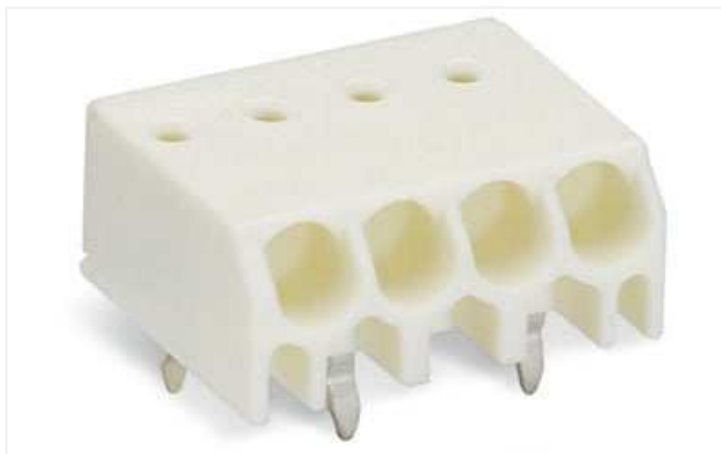


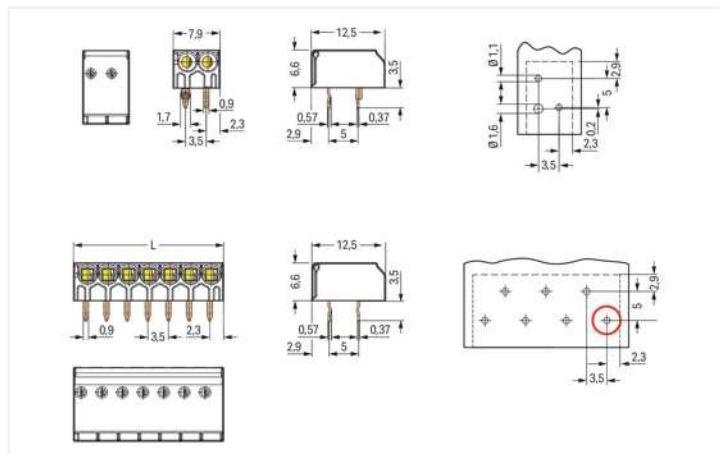
## Data Sheet | Item Number: 744-304

PCB terminal block; 1.5 mm<sup>2</sup>; Pin spacing 3.5 mm; 4-pole; PUSH WIRE®; 1,50 mm<sup>2</sup>; white

<https://www.wago.com/744-304>



Color: white



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)

- 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

### 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) $\triangleq$ Overvoltage category III / Pollution degree 2

#### Ratings per UL 1059

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

Connection points	4
Total number of potentials	4
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 mm <sup>2</sup> / 20 ... 16 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 inches
Conductor connection direction to PCB	0°
Pole number	4

### Physical data

Pin spacing	3.5 mm / 0.138 inches
Width	14.9 mm / 0.587 inches
Height	10.1 mm / 0.398 inches
Height from the surface	6.6 mm / 0.26 inches
Depth	12.5 mm / 0.492 inches
Solder pin length	3.5 mm
Solder pin dimensions	0.35 x 0.9 mm
Drilled hole diameter with tolerance	1.1 <sup>(+0.1)</sup> 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)	<a href="#">Information on material specifications can be found here</a>
Color	white
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Clamping spring material	Copper alloy
Contact plating	Tin
Fire load	0.021 MJ
Weight	1.1 g

### Environmental requirements

Limit temperature range	-60 ... +105 °C
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### 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)	800 pcs
Packaging type	Box
Country of origin	CH
GTIN	4055143300537
Customs tariff number	85369010000

## Approvals / Certificates

### General approvals



Approval	Standard	Certificate Name
AOC DEKRA Certification B.V.	EN 60998	2226904.01-AOC
AOC DEKRA Certification B.V.	EN 60998	2261942.01-AOC
UL Underwriters Laboratories Inc.	UL 1059	E45172

## Downloads

### Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 744-304	<a href="#">↓</a>

## Documentation

Additional Information			
Technical Section	03.04.2019	pdf 1949.09 KB	<a href="#">↓</a>

## CAD/CAE-Data

CAD data	
2D/3D Models 744-304	<a href="#">↓</a>

CAE data	
ZUKEN Portal 744-304	<a href="#">↓</a>

## 1 Compatible Products

### 1.1 Optional Accessories

#### 1.1.1 Tool

##### 1.1.1.1 Operating tool



[Item No.: 206-841](#)  
 Disconnection tool; for 744 Series; multi-coloured

## 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).