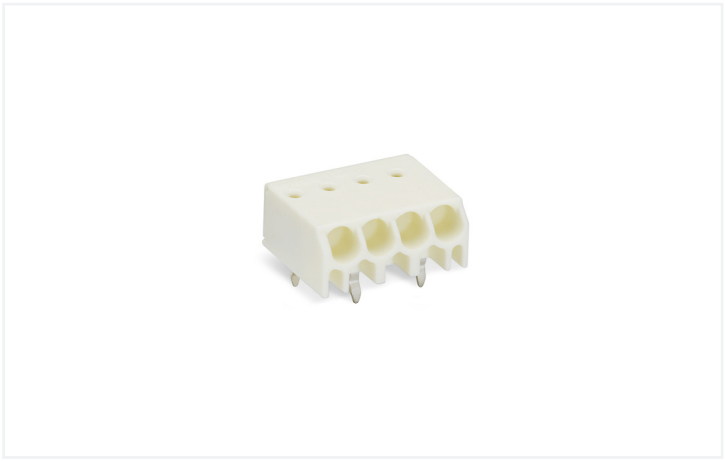
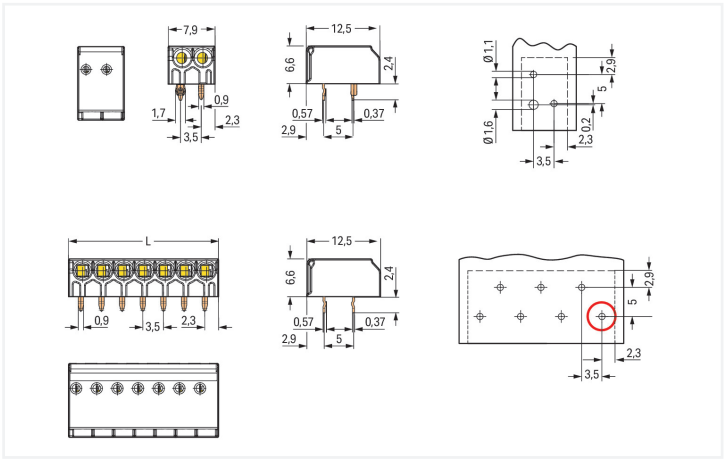
Data Sheet | Item Number: 744-307/364-000

PCB terminal block; 1.5 mm²; Pin spacing 3.5 mm; 7-pole; PUSH WIRE®; white

https://www.wago.com/744-307/364-000





Color: white

Similar to illustration

Dimensions in mm
"Two-pole version with additional anti-rotating pinFor 3 poles and more, L = (pole no. x pin spacing) + 0.9 mmFirst solder pin, front right (red circle)"

PCB terminal block, 744 Series, white

Connect conductors quickly and easily with this PCB terminal block (item number 744-307/364-000). It is a universal connector that can be used practically anywhere, e.g., as a pluggable PCB connector, panel feedthrough header, connector for rail-mount terminal blocks, or a floating connector for different mounting methods. Conductors should only be connected to this PCB terminal block if their strip length is between 8 and 9 mm . This product features one conductor terminal and utilizes PUSH WIRE®. Our PUSH WIRE® connection is the quick and simple method for connecting solid conductors. Dimensions: (25.4 x 9 x 12.5) mm (width x height x depth). This PCB terminal block is suitable for conductor cross sections ranging from 0.5 mm² to 1.5 mm².

Tin is used for coating the contact surfaces. This PCB terminal block is operated with an operating tool. The PCB terminal block is designed for THT soldering. Insert the conductor into the board at a 0° angle..

Electrical data

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

Approvals per	UL 1059		
Use group	B	C	D
Rated voltage	300 V	-	300 V
Rated current	6 A	-	6 A

Connection Data

Clamping units	7
Total number of potentials	7
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 inches
Conductor connection direction to PCB	0 °
Pole number	7

Physical data

Pin spacing	3.5 mm / 0.138 inches
Width	25.4 mm / 1 inches
Height	9 mm / 0.354 inches
Height from the surface	6.6 mm / 0.26 inches
Depth	12.5 mm / 0.492 inches
Solder pin length	2.4 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 specifications can be found here
Color	white
Material group	I
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Clamping spring material	Copper alloy
Contact Plating	Tin
Fire load	0.035 MJ
Weight	1.9 g

Environmental requirements

Limit temperature range	-60 … +105 °C

Commercial data

PU (SPU)	300 pcs
Packaging type	Box
Country of origin	CH
GTIN	4055143812764
Customs tariff number	85369010000

Product Classification

UNSPSC	39121409
eCl@ss 10.0	27-44-04-01
eCl@ss 9.0	27-44-04-01
ETIM 9.0	EC002643
ETIM 10.0	EC002643
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates

General approvals

Approval	Standard	Certificate Name
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
744-307/364-000

Documentation

Additional Information

Technical Section	03.04.2019	pdf 2027.26 KB

CAD/CAE-Data

CAD data

2D/3D Models
744-307/364-000

PCB Design

Symbol and Footprint
via SamacSys
744-307/364-000

Symbol and Footprint
via Ultra Librarian
744-307/364-000

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).