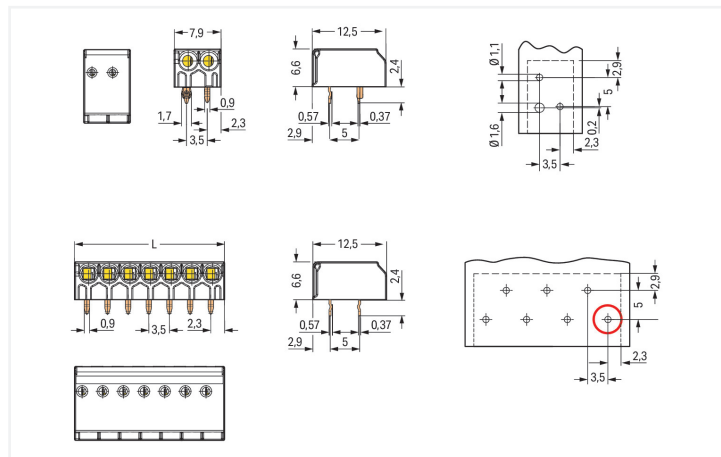


Data Sheet | Item Number: 744-310/364-000

PCB terminal block; 1.5 mm²; Pin spacing 3.5 mm; 10-pole; PUSH WIRE®; white

<https://www.wago.com/744-310/364-000>



Color: ■ white

Similar to illustration

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 block, 744 Series, white

This PCB terminal block (item number 744-310/364-000) is designed for easy and secure connections. You can count on tried and tested safety with these PCB terminal blocks, perfect for a host of applications when designing your devices. Ensure that the strip lengths are between 8 and 9 mm when connecting conductors to this PCB terminal block. Featuring one conductor terminal along with PUSH WIRE®, this product is highly versatile. Our trusted PUSH WIRE® connection offers the fastest method for clamping conductors. It utilizes the conductor's stiffness to overcome the clamping spring's contact force. The dimensions are (35.9 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	10
Total number of potentials	10
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 ² / 20 ... 16 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 inches
Conductor connection direction to PCB	0°
Pole number	10

Physical data

Pin spacing	3.5 mm / 0.138 inches
Width	35.9 mm / 1.413 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	0.049 MJ
Weight	2.7 g

Environmental requirements

Limit temperature range	-60 ... +105 °C
-------------------------	-----------------

Commercial data

PU (SPU)	200 pcs
Packaging type	Box
Country of origin	CH
GTIN	4055143812672

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 744-310/364-000	↓

Documentation

Additional Information			
Technical Section	03.04.2019	pdf 2027.26 KB	↓

CAD/CAE-Data

CAD data	
2D/3D Models 744-310/364-000	↓

PCB Design	
Symbol and Footprint via SamacSys 744-310/364-000	↓
Symbol and Footprint via Ultra Librarian 744-310/364-000	↓

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).