Data Sheet | Item Number: 2075-381/997-404

Through-Board SMD PCB Terminal Block; Pin spacing 3 mm; 1-pole; PUSH WIRE®; in tape-and-reel packaging; Without housing; silver-colored

https://www.wago.com/2075-381/997-404

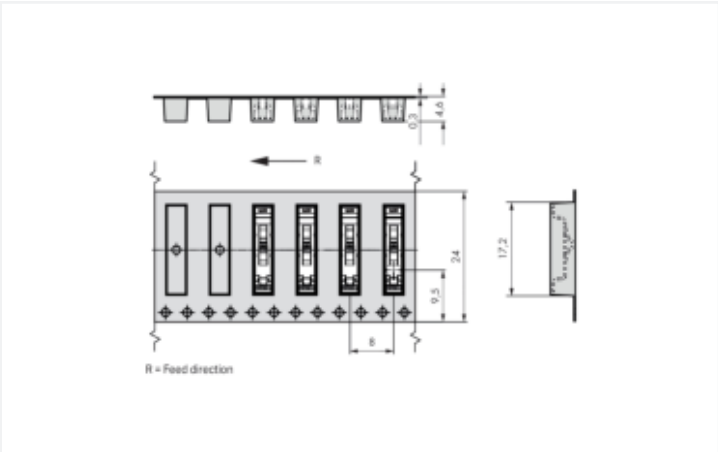




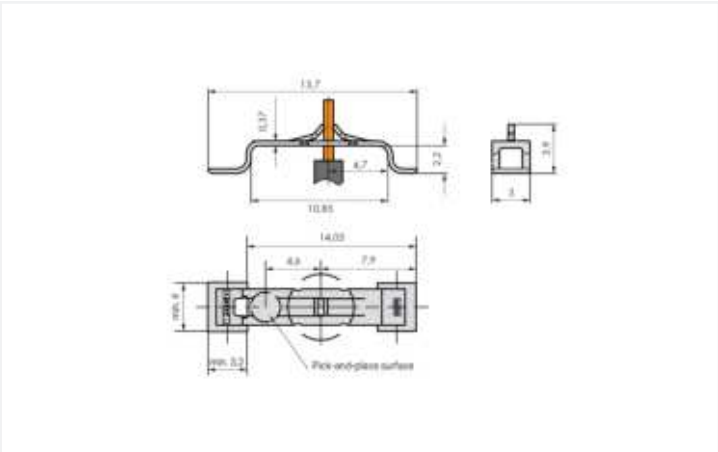
Color: silver-colored







Dimensions in mm



Dimensions in mm

PCB terminal block, 2075 Series, Push-in

Easily, quickly and safely connect conductors with this PCB terminal block (item number 2075-381/997-404). It offers the flexibility needed for different mounting types. Conductors should only be connected to this PCB terminal block if their strip length is 3.7 mm . This product features one conductor terminal and utilizes PUSH WIRE®. 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 (3 x 3.9 x 17.5) mm (width x height x depth). This PCB terminal block is suitable for conductor cross-sections ranging from 0.34 mm² to 0.75 mm².

PUSH WIRE® – the most reliable way to terminate a conductor

Tin is used for coating the contact surfaces. This PCB terminal block is operated with a push-in. SMD is used to solder the PCB terminal block. Insert the conductor at an angle of 90°..

- Number of poles: 1
- Compact sizes
- Actuation via push-in
- Soldering via SMD
- Pin spacing: 3 mm

Notes

Note	Terminal block without insulation housing! Protection against accidental contact must be provided at voltages higher than low voltages (e.g., SELV/PELV) for the relevant application.

Electrical data

Ratings per	IEC/EN 60664-1		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	-	-	500 V
Rated impulse withstand voltage	-	-	4 kV
Rated current	-	-	9 A

Approvals per	UL 1977
Rated voltage	600 V
Rated current	9 A

Connection Data

Clamping units	1
Total number of potentials	1
Number of connection types	1
Number of levels	1

Connection 1

Connection technology	PUSH WIRE®
Actuation type	Push-in
Solid conductor	0.34 … 0.75 mm² / 20 … 18 AWG
Strip length	3.7 mm / 0.15 inches
Conductor connection direction to PCB	90 °
Pole number	1

Physical data

Pin spacing	3 mm / 0.118 inches
Width	3 mm / 0.118 inches
Height	3.9 mm / 0.154 inches
Depth	17.5 mm / 0.689 inches
Reel diameter of tape-and-reel packaging	330 mm
Tape width	24 mm

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PCB contact

PCB contact	SMD
Number of solder pins per potential	2

Material data

Note (material data)	Information on material specifications can be found here
Color	silver-colored
Flammability class per UL94	V0
Clamping spring material	Copper alloy
Contact material	Electrolytic copper (E_{Cu})
Contact Plating	Tin
Weight	0.2 g

Environmental requirements

Limit temperature range	-60 … +105 °C

Commercial data

PU (SPU)	18000 (2000) pcs
Packaging type	Box
Country of origin	CH
GTIN	4055143607636
Customs tariff number	85369010000

Product Classification

UNSPSC	39121409
eCl@ss 10.0	27-14-11-06
eCl@ss 9.0	27-14-11-06
ETIM 9.0	EC001284
ETIM 10.0	EC001284
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates

General approvals

Approval	Standard	Certificate Name
CB DEKRA Certification B.V.	IEC 60998	NL-57046
cURus Underwriters Laboratories Inc.	UL 1977	E45171
KEMA/KEUR DEKRA Certification B.V.	EN 60998	71-107567

Declarations of conformity and manufacturer's declarations

Approval	Standard	Certificate Name
EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-

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Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance
2075-381/997-404

Documentation

Additional Information

Technical Section	03.04.2019	pdf 2027.26 KB

CAD/CAE-Data

CAD data

2D/3D Models
2075-381/997-404

CAE data

ZUKEN Portal
2075-381/997-404