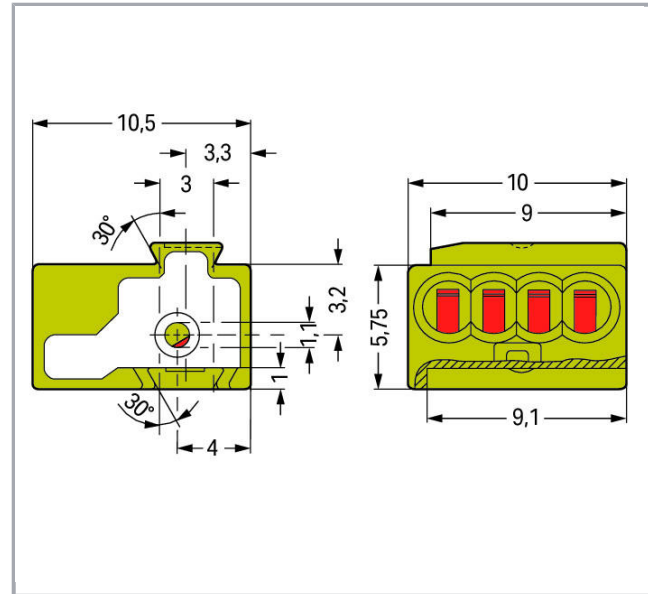


## Data sheet | Item number: 243-724

4-conductor modular PCB connector; for individual solder pins; 0.8 mm Ø;  
Pin spacing 5.75 mm; 1-pole; light green

[www.wago.com/243-724](http://www.wago.com/243-724)



RoHS  Compliant

[BOMcheck.net](https://www.bomcheck.net)

Color: ■

### Item description

- Compact, 4-conductor PCB connectors with PUSH WIRE® connection
- Can be assembled to connector strips via dovetail joints
- Push-in termination of solid conductors
- Four entries for power supply and potential distribution
- Quick and easy PCB replacement, without disrupting looped-through potentials

Subject to changes. Please also observe the further product documentation!

WAGO Kontakttechnik GmbH & Co. KG  
Hansastr. 27  
32423 Minden  
Phone: +49571 887-0 | Fax: +49571 887-169  
Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

Do you have any questions about our products?  
We are always happy to take your call at +49 (571) 887-44222.



## Data

### Electrical data

#### Ratings per IEC/EN 60664-1

Ratings per	IEC/EN 60664-1
Rated 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
Rated voltage (II / 2)	630 V
Rated impulse voltage (II / 2)	4 kV
Rated current	6 A
Legend (ratings)	(III / 2) $\triangleq$ Overvoltage category III / Pollution degree 2

#### Approvals per UL 1059

Rated voltage UL (Use Group B)	150 V
Rated current UL (Use Group B)	7 A
Rated voltage UL (Use Group D)	150 V
Rated current UL (Use Group D)	7 A
Approvals per	UL 1059

#### Approvals per CSA

Rated voltage CSA (Use Group B)	150 V
Rated current CSA (Use Group B)	7 A
Rated voltage CSA (Use Group D)	150 V
Rated current CSA (Use Group D)	7 A

#### Connection data

Connection technology	PUSH WIRE <sup>®</sup>
Connectable conductor materials	Copper
Solid conductor	0.5 ... 1 mm <sup>2</sup> / 24 ... 18 AWG
Conductor diameter	0.5 ... 1 mm
Strip length	5 ... 6 mm / 0.2 ... 0.24 inch
Conductor entry angle to the PCB	0°
No. of poles	1

Subject to changes. Please also observe the further product documentation!



Total number of connection points	4
Total number of potentials	1
Number of connection types	1
Number of levels	1

### Geometrical Data

Pin spacing	5.75 mm / 0.226 inch
Width	5.75 mm / 0.226 inch
Height	10 mm / 0.394 inch
Depth	10.5 mm / 0.413 inch
Solder pin length	4.5 mm
Solder pin diameter	1 mm
Drilled hole diameter (tolerance)	1.2 <sup>(-0.05 ... +0.05)</sup> mm

### Plug connection

Contact type (pluggable connector)	Female connector/socket
Connector connection type	for PCBs
Mating direction to the PCB	90°

### PCB contact

PCB contact	THT
-------------	-----

### Material Data

Color	light green
Material group	I
Insulating material	Polyamide 66 (PA 66)
Flammability class per UL94	V0
Clamping spring material	Copper alloy
Contact material	Electrolytic copper (E <sub>Cu</sub> )
Contact plating	tin-plated
Fire load	0.012 MJ
Weight	0.7 g

### Environmental Requirements

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


Subject to changes. Please also observe the further product documentation!

## Commercial data


Packaging type	BOX
Country of origin	DE
GTIN	4044918440998
Customs Tariff No.	85369010000

## Approvals / Certificates


### Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CSA DEKRA Certification B.V.	C22.2	70048857

### Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
	ABS American Bureau of Shipping	-	18- HG1755093- PDA

### UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UR Underwriters Laboratories Inc.	UL 1059	20190731- E45172

## Counterpart

## Compatible products

### Marking accessories

Item no.: 210-332/575-103

Marking strips; as a DIN A4 sheet; MARKED; 1-12 (160x); Height of marker strip: 3 mm; Strip length 182 mm; Horizontal marking; Self-adhesive; white

[www.wago.com/210-332/575-103](http://www.wago.com/210-332/575-103)

Subject to changes. Please also observe the further product documentation!

WAGO Kontakttechnik GmbH & Co. KG  
Hansastr. 27  
32423 Minden  
Phone: +49571 887-0 | Fax: +49571 887-169  
Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

Do you have any questions about our products?  
We are always happy to take your call at +49 (571) 887-44222.

## General accessories



Item no.: 243-131

Board-to-Board Link; 1-pole

[www.wago.com/243-131](http://www.wago.com/243-131)

## Downloads

### Documentation

#### Additional Information

Technical explanations	Apr 3, 2019	pdf 3.6 MB	Download
------------------------	-------------	---------------	----------

## CAD/CAE-Data

### CAD data

2D/3D Models 243-724	URL	Download
----------------------	-----	----------

### CAE data

EPLAN Data Portal 243-724	URL	Download
---------------------------	-----	----------

### PCB Design

Symbol and Footprint 243-724	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

Subject to changes. Please also observe the further product documentation!

WAGO Kontakttechnik GmbH & Co. KG

Hansastr. 27

32423 Minden

Phone: +49571 887-0 | Fax: +49571 887-169

Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

Do you have any questions about our products?

We are always happy to take your call at +49 (571) 887-44222.

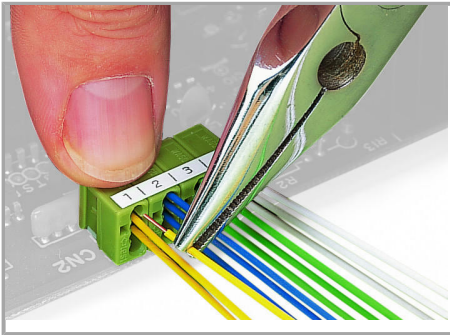
- Pulsonix 8.5 or newer
- STL
- 3D STEP
- TARGET 3001!
- View Logic ViewDraw
- Quadcept
- Zuken CadStar 3 and 4
- Zuken CR-5000 and CR-8000

PCB Component Libraries (EDA), PCB CAD Library Ultra Librarian

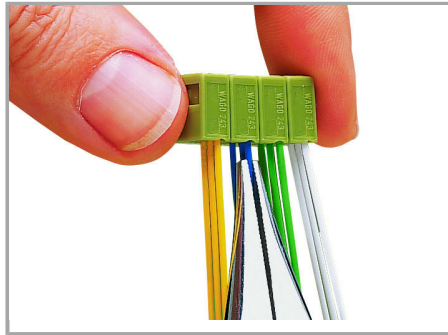
---

## Installation Notes

### Inserting a conductor

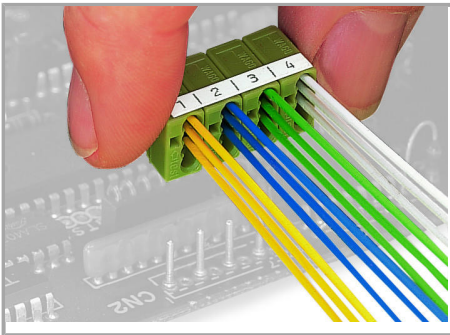


Inserting a conductor using pliers until it hits backstop – directly on the PCB or wiring prior to mounting on PCB.



Removing a conductor using pliers – twisting alternately left and right – 243 Series

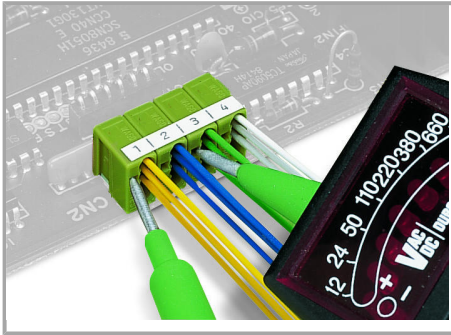
### Assembly



Removing a PCB connector strip to replace the board.

Subject to changes. Please also observe the further product documentation!

## Testing



Testing – 243 Series

Subject to changes. Please also observe the further product documentation!

WAGO Kontakttechnik GmbH & Co. KG  
Hansastr. 27  
32423 Minden  
Phone: +49571 887-0 | Fax: +49571 887-169  
Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

Do you have any questions about our products?  
We are always happy to take your call at +49 (571) 887-44222.