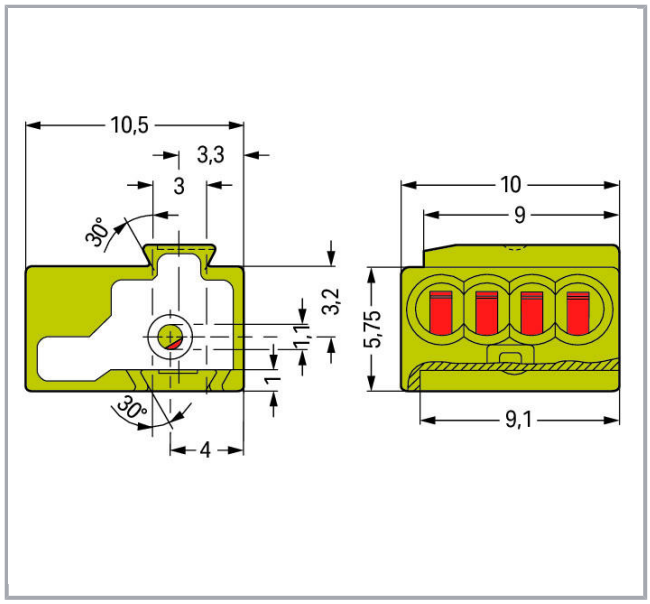
Fişă tehnică | Număr articol: 243-726

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

www.wago.com/243-726



Descriere articol

- 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

Supus modificărilor.

WAGO Kontakttechnik GmbH & Co. KG
/Representative Office Romania
Sos. Pipera-Tunari nr. 1/1
building 1, 2nd floor | 077190 Voluntari, Ilfov
Tel.: +40-(0)31 421 85 68 | Email: info-RO@wago.com

Aveţi întrebări despre produsele noastre?
Vă stăm la dispoziţie pentru preluarea apelului la +40 (0) 31 421 85 68.

Date
Electrical data

Ratings per IEC/EN 60664-1

Ratings per	IEC/EN 60664-1
Nominal voltage (III/3)	250 V
Rated surge voltage (III/3)	4 kV
Rated voltage (III/2)	320 V
Rated surge voltage (III/2)	4 kV
Nominal voltage (II/2)	630 V
Rated surge voltage (II/2)	4 kV
Rated current	6 A
Legend (ratings)	(III / 2) ≙ 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®
Connectable conductor materials	Copper
Solid conductor	0.5 … 1 mm² / 24 … 18 AWG
Conductor diameter	0.5 … 1 mm
Strip length	5 … 6 mm / 0.2 … 0.24 inch
Conductor connection direction to PCB	0 °
Pole No.	1

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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 with tolerance	$1.2^{(-0.05 \ldots +0.05)}$ 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 gray
Material group	I
Insulation material	Polyamide 66 (PA 66)
Flammability class per UL94	V0
Clamping spring material	Copper alloy
Contact material	Electrolytic copper (E_{Cu})
Contact plating	tin-plated
Weight	0,8 g

Environmental Requirements

Limit temperature range	-60 … +105 °C

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Commercial data

Packaging type	BOX
Country of origin	DE
GTIN	4055143467414
Customs tariff number	85369010000

Aprobări / certificate

Country specific Approvals

Emblemă	Aprobare	Text de aprobare suplimentar	Nume certificat
	CSA DEKRA Certification B.V.	C22.2	70048857

Ship Approvals

Emblemă	Aprobare	Text de aprobare suplimentar	Nume certificat
	ABS American Bureau of Shipping	-	18-HG1755093-PDA

UL-Approvals

Emblemă	Aprobare	Text de aprobare suplimentar	Nume certificat
	UR Underwriters Laboratories Inc.	UL 1059	20190731-E45172

Counterpart

Produse compatibile

Marking accessories

	Nr. articol: 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

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Descărcări

Documentation

Additional Information

Technical explanations	Apr 3, 2019	pdf 3,6 MB	Descărcare

CAD/CAE-Data

PCB Design

Symbol and Footprint 243-726 CAx data for your PCB design, consisting of "schematic symbols and PCB footprints", allow easy integration of the WAGO component into your development environment.	URL	Descărcare

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
- 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

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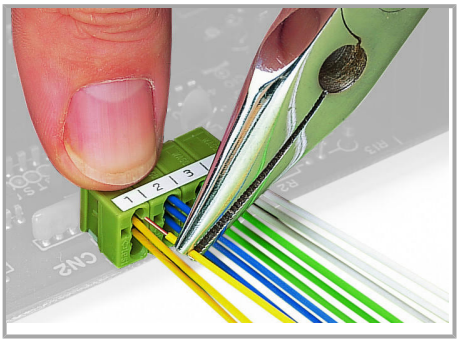
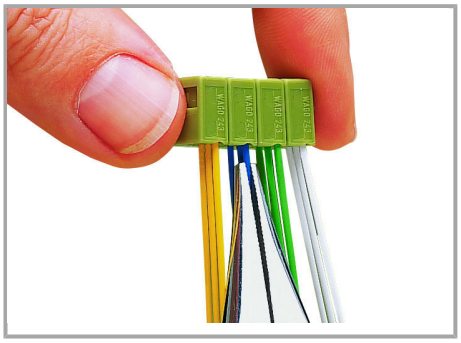
Installation Notes

Inserting a conductor

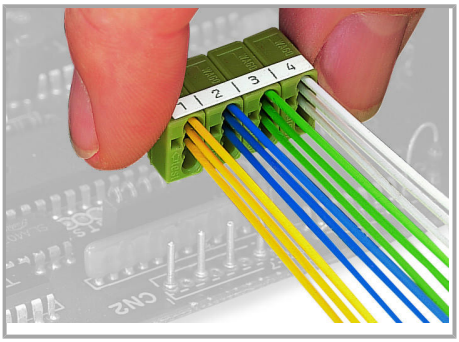


Inserting a conductor using pliers until it hits backstop – directly on the PCB or wiring prior to mounting on PCB.



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

Assembly



Removing a PCB connector strip to replace the board.

Testing

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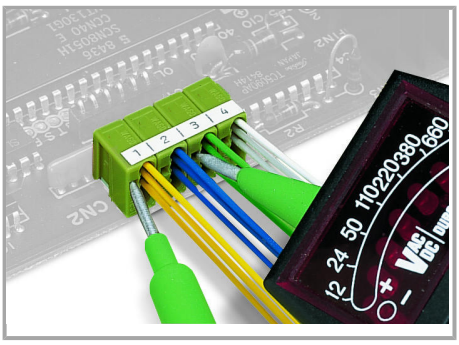

Testing – 243 Series

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