

## Data Sheet | Item Number: 243-723

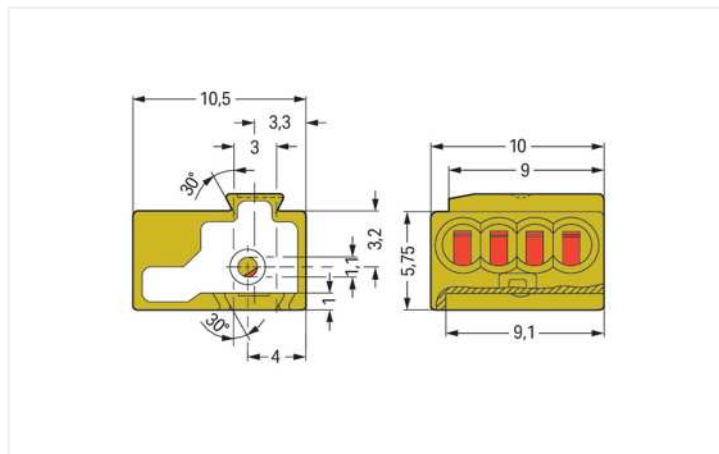
4-conductor female plug; PUSH WIRE®; 0.8 mm Ø; Pin spacing 5.75 mm; 1-pole; for individual solder pins; orange

<https://www.wago.com/243-723>



Color:  orange

Similar to illustration



Dimensions in mm

- 4-conductor female connector 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

### Notes

Variants:

Other pole numbers  
Other colors  
Mixed-color PCB connector strips  
Direct marking  
Other versions (or variants) can be requested from WAGO Sales or configured at <https://configurator.wago.com/>.

### Electrical data

#### Ratings per IEC/EN

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

#### Ratings per UL 1059

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

#### Ratings per CSA

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

Connection 1	
Connection technology	PUSH WIRE®
Connectable conductor materials	Copper
Solid conductor	0.5 ... 1 mm² / 24 ... 18 AWG
Conductor diameter	0.5 ... 1 mm / 24 ... 18 AWG
Strip length	5 ... 6 mm / 0.2 ... 0.24 inches
Conductor connection direction to PCB	0°
Pole number	1

### Physical data

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

### Plug-in connection

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

### Material Data

Note (material data)	<a href="#">Information on material specifications can be found here</a>
Color	orange
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Clamping spring material	Copper alloy
Contact material	Electrolytic copper (E <sub>Cu</sub> )
Contact plating	Tin
Fire load	0.012 MJ
Weight	0.7 g

### Environmental requirements

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

### Commercial data

eCl@ss 10.0	27-44-04-01
eCl@ss 9.0	27-44-04-01
ETIM 8.0	EC002643
ETIM 7.0	EC002643
PU (SPU)	400 pcs
Packaging type	Box
Country of origin	DE
GTIN	4044918440967
Customs tariff number	85369010000

**Approvals / Certificates**

**General approvals**



Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 60998	NTR NL 7812
CSA DEKRA Certification B.V.	C22.2	70048857
KEMA/KEUR DEKRA Certification B.V.	EN 60998	71-112493
UR Underwriters Laboratories Inc.	UL 1059	E45172

**Approvals for marine applications**



Approval	Standard	Certificate Name
ABS American Bureau of Ship- ping	-	18-HG1755093-PDA

**Downloads**

**Environmental Product Compliance**

Compliance Search
Environmental Product Compliance 243-723 <a href="#">↓</a>

**Documentation**

Additional Information			
Technical Section	03.04.2019	pdf 1949.09 KB	<a href="#">↓</a>

**CAD/CAE-Data**

CAD data
2D/3D Models 243-723 <a href="#">↓</a>

CAE data
EPLAN Data Portal 243-723 <a href="#">↓</a>
ZUKEN Portal 243-723 <a href="#">↓</a>

**1 Compatible Products**

**1.1 Required Accessories**

**1.1.1 Male connector**

### 1.1.1.1 Solder pin



Item No.: 243-131

THT pin; silver-colored

## 1.2 Optional Accessories

### 1.2.1 Marking

#### 1.2.1.1 Marking strip



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

## Installation Notes

### Conductor termination

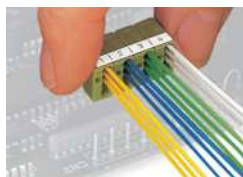


Inserting a conductor using pliers until it hits the backstop – directly on the PCB or wiring prior to mounting on PCB.



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

## Installation



Removing a PCB connector strip to replace the board.

Testing



Testing – 243 Series