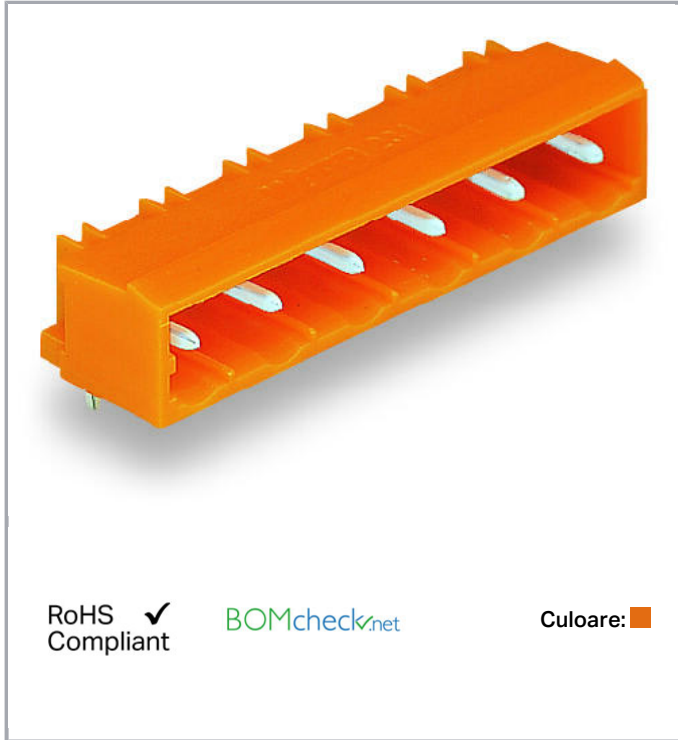


Fișă tehnică | Număr articol: 231-939/001-000

THT male header; 1.0 x 1.0 mm solder pin; angled; Pin spacing 7.62 mm; 9-pole; orange

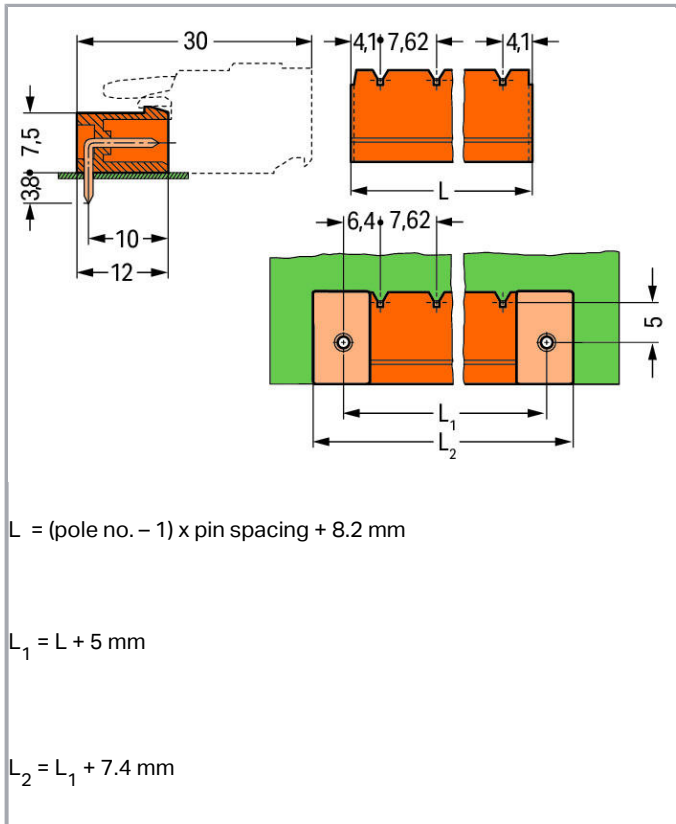
www.wago.com/231-939/001-000



Supus modificărilor.

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/Representative Office Romania
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building 1, 2nd floor | 077190 Voluntari, Ilfov
Tel.: +40-(0)31 421 85 68 | Email: info-RO@wago.com

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



Descriere articol

- Horizontal or vertical PCB mounting via straight or angled solder pins
- Pin cross-section: 1 x 1 mm
- With coding fingers

Safety information 1:

The *MULTI CONNECTION SYSTEM (MCS)* is designed without breaking capacity for compliance with DIN EN 61984. When used as intended, MCS Connectors shall not be connected/disconnected when live or under load. The circuit design should ensure header pins, which can be touched, are not live when unmated.

Date

Electrical data

Ratings per IEC/EN 60664-1

Ratings per	IEC/EN 60664-1
Nominal voltage (III/3)	500 V

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Rated surge voltage (III/3)	6 kV
Rated voltage (III/2)	630 V
Rated surge voltage (III/2)	6 kV
Nominal voltage (II/2)	1000 V
Rated surge voltage (II/2)	6 kV
Rated current	12 A
Legend (ratings)	(III / 2) $\hat{=}$ Overvoltage category III / Pollution degree 2

Approvals per UL 1059

Rated voltage UL (Use Group B)	300 V
Rated current UL (Use Group B)	10 A
Rated voltage UL (Use Group D)	300 V
Rated current UL (Use Group D)	10 A
Approvals per	UL 1059

Approvals per UL 1977

Rated voltage UL 1977	600 V
Rated current UL 1977	10 A

Approvals per CSA

Rated voltage CSA (Use Group B)	300 V
Rated current CSA (Use Group B)	10 A
Rated voltage CSA (Use Group D)	300 V
Rated current CSA (Use Group D)	10 A

Connection data

Pole No.	9
Total number of potentials	9
Number of connection types	1
Number of levels	1

Geometrical Data

Pin spacing	7.62 mm / 0.3 inch
Width	69.16 mm / 2.723 inch
Height	12.2 mm / 0.48 inch
Height from the surface	8.4 mm / 0.331 inch

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Depth	12 mm / 0.472 inch
Solder pin length	3,8 mm
Solder pin dimensions	1 x 1 mm
Drilled hole diameter with tolerance	1.4 ^(+0.1) mm

Plug connection

Contact type (pluggable connector)	Male connector/plug
Connector (connection type)	for PCBs
Mismating protection	No
Mating direction to the PCB	0°

PCB contact

PCB contact	THT
Solder pin arrangement	over the entire male connector, in line
Number of solder pins per potential	1

Material Data

Color	orange
Material group	I
Insulation material	Polyamide 66 (PA 66)
Flammability class per UL94	V0
Contact material	Electrolytic copper (E _{Cu})
Contact plating	tin-plated
Fire load	0,071 MJ
Weight	3,5 g

Environmental Requirements

Limit temperature range	-60 ... +100 °C
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Commercial data

Product Group	3 (Multi Conn. System)
Packaging type	BOX
Country of origin	PL
GTIN	4044918868617
Customs tariff number	85366990990

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Aprobări / certificate



Country specific Approvals

Emblemă	Aprobare	Text de aprobare suplimentar	Nume certificat
	CSA DEKRA Certification B.V.	C22.2	1466354





Ship Approvals

Emblemă	Aprobare	Text de aprobare suplimentar	Nume certificat
	ABS American Bureau of Shipping	-	19- HG1869876- PDA

UL-Approvals

Emblemă	Aprobare	Text de aprobare suplimentar	Nume certificat
	UR Underwriters Laboratories Inc.	UL 1059	E45172
	UR Underwriters Laboratories Inc.	UL 1977	20130906- E45171




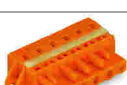


Counterpart

	Nr. articol231-709/026-000 1-conductor female plug; 2.5 mm ² ; Pin spacing 7.62 mm; 9-pole; 2,50 mm ² ; orange	www.wago.com/231-709/026-000
	Nr. articol231-2709/026-000 2-conductor female connector; 2.5 mm ² ; Pin spacing 7.62 mm; 9-pole; 2,50 mm ² ; orange	www.wago.com/231-2709/026-000
	Nr. articol231-2709/037-000 2-conductor female connector; Locking lever; 2.5 mm ² ; Pin spacing 7.62 mm; 9-pole; 2,50 mm ² ; orange	www.wago.com/231-2709/037-000
	Nr. articol2231-709/026-000 1-conductor female plug; push-button; 2.5 mm ² ; Pin spacing 7.62 mm; 9-pole; 2,50 mm ² ; orange	www.wago.com/2231-709/026-000

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

	Nr. articol 2231-709/037-000 1-conductor female plug; push-button; Locking lever; 2.5 mm ² ; Pin spacing 7.62 mm; 9-pole; 2,50 mm ² ; orange	www.wago.com/2231-709/037-000
	Nr. articol 2231-709/031-000 1-conductor female plug; push-button; clamping collar; 2.5 mm ² ; Pin spacing 7.62 mm; 9-pole; 2,50 mm ² ; orange	www.wago.com/2231-709/031-000
	Nr. articol 231-709/031-000 1-conductor female plug; clamping collar; 2.5 mm ² ; Pin spacing 7.62 mm; 9-pole; 2,50 mm ² ; orange	www.wago.com/231-709/031-000
	Nr. articol 231-709/027-000 1-conductor female plug; clamping collar; 2.5 mm ² ; Pin spacing 7.62 mm; 9-pole; 2,50 mm ² ; orange	www.wago.com/231-709/027-000
	Nr. articol 732-129/026-000 1-conductor female plug; angled; 2.5 mm ² ; Pin spacing 7.62 mm; 9-pole; 2,50 mm ² ; orange	www.wago.com/732-129/026-000
	Nr. articol 231-709/037-000 1-conductor female plug; Locking lever; 2.5 mm ² ; Pin spacing 7.62 mm; 9-pole; 2,50 mm ² ; orange	www.wago.com/231-709/037-000

Produse compatibile

Marking accessories

	Nr. articol: 210-833 Marking strips; on reel; 6 mm wide; plain; Self-adhesive; white	www.wago.com/210-833
	Nr. articol: 210-834 Marking strips; on reel; 5 mm wide; plain; Self-adhesive; white	www.wago.com/210-834

Coding

	Nr. articol: 231-130 Coding key; snap-on type; light gray	www.wago.com/231-130
	Nr. articol: 231-500 Spacer; for formation of groups; light gray	www.wago.com/231-500

Descărcări

Documentation

Additional Information

Technical explanations	Apr 3, 2019	pdf 3,6 MB	Descărcare
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Supus modificărilor.



CAD/CAE-Data

CAD data

2D/3D Models 231-939/001-000	URL	Descărcare
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CAE data

EPLAN Data Portal 231-939/001-000	URL	Descărcare
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PCB Design

Symbol and Footprint 231-939/001-000	URL	Descărcare
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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
- 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

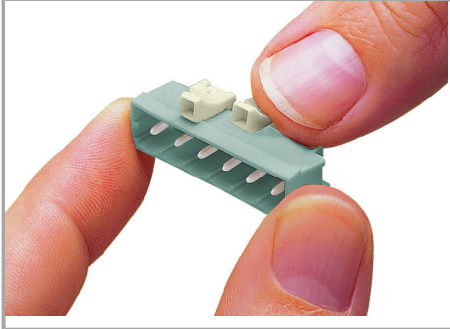
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Installation Notes

Coding



Coding a male header – fitting coding key(s).

Familie de produse

MCS MIDI Classic

Afișare globală produse din familie.

Supus modificărilor.