

Descriere articol

- Protected against mismatching and maintenance-free

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

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



- Push-in CAGE CLAMP® spring pressure connection technology allows solid conductors to be simply pushed into a unit
- Compact design with 4.4 mm pole spacing

Note:

All connectors for mounted installations (snap-in versions for lighting fixtures or devices, all types of PCB and distribution connectors) are factory-equipped with locking levers to ensure plugs and sockets are securely locked. Additional locking levers are only required for flying leads (plug /socket).

Note on mismatching protection:

All WINSTA® components are 100% protected against mismatching when:

- plugging different numbers of poles
- plugging while rotated 180
- plugging while laterally staggered
- plugging one pole

Safety information 1:

Application note for the U.S. market (USR): Some versions may also be used for current interruption in accordance with the UL certificate in select applications with currents below 5 A and voltages up to 600 V. For further information, please contact your local sales office.

Date**Electrical data**

Note on Contact Resistance

approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/socket

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 current | 16 A |
| Legend (ratings) | (III / 3) ≙ Overvoltage category III / Pollution degree 3 |

Approvals per UL 1977

| | |
|-----------------------|-------|
| Rated voltage UL 1977 | 600 V |
| Rated current UL 1977 | 14 A |

Connection data

| | |
|----------------------------|-------------------------------|
| Pole No. | 3 |
| Total number of potentials | 3 |
| Number of levels | 1 |
| Ground function | with preceding ground contact |

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Geometrical Data

| | |
|--------------------------------------|-----------------------------------|
| Pin spacing | 4,4 mm / 0.173 inch |
| Width | 14,8 mm / 0.583 inch |
| Height | 15,7 mm / 0.618 inch |
| Height from the surface | 12,2 mm / 0.48 inch |
| Depth | 28,4 mm / 1.118 inch |
| Solder pin length | 3,5 mm |
| Solder pin dimensions | 1 x 0,8 mm |
| Drilled hole diameter with tolerance | 1,3 ^(-0,1 ... +0,1) mm |

Mechanical data

| | |
|---|--|
| Coding | A |
| Mating force of a plug-in connection | approx. 20 ... 70 N (depending on pole number) |
| Retention force of a plug-in connection | Locked: > 80 N |
| Unmating force of a plug-in connection | Unlocked: approx. 20 ... 70 N (depending on pole number) |
| Number of mating cycles | 200, without resistive load 100, with resistive load $I_N = 16$ A, tested (1.5 mm ² /16 AWG) |
| Design | angled |
| Marking | L N |
| Potential marking | L N |
| Application | General mains applications |

Plug connection

| | |
|------------------------------------|---------------------|
| Contact type (pluggable connector) | Male connector/plug |
| Connector (connection type) | for PCB |
| Mismating protection | Yes |
| Mating direction to the PCB | 0° |
| Locking of plug-in connection | locking lever |
| Locking lever | yes |

PCB contact

| | |
|------------------------|----------------------------|
| PCB contact | THT |
| Solder pin arrangement | 2 in-line solder pins/pole |

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| | |
|-------------------------------------|---|
| Number of solder pins per potential | 2 |
|-------------------------------------|---|

Material Data

| | |
|--------------------------|--|
| Color | white |
| Insulation material | Polyamide 66 (PA 66) |
| Clamping spring material | Chrome nickel spring steel (CrNi) |
| Contact material | Copper or copper alloy (surface-treated) |
| Fire load | 0,065 MJ |
| Weight | 3,3 g |

Environmental Requirements


| | |
|--|--|
| Processing temperature | -5 ... +40 °C |
| Continuous operating temperature | -35 ... +85 °C |
| Note on continuous operating temperature | Insulating parts for temperatures ≤ 105 °C |

Commercial data


| | |
|-----------------------|---------------|
| Packaging type | BOX |
| Country of origin | PL |
| GTIN | 4050821695776 |
| Customs tariff number | 85366990990 |

Aprobări / certificate

Country specific Approvals

| Embleă | Aprobare | Text de aprobare suplimentar | Nume certificat |
|--|--|------------------------------|-----------------|
|  | CCA DEKRA Certification B.V. | EN 61535 | 71- 102984 |

Ship Approvals

| Embleă | Aprobare | Text de aprobare suplimentar | Nume certificat |
|--|---|------------------------------|--------------------------|
|  | ABS American Bureau of Shipping | Steel Vessel Rules | 19- HG1869855- PDA |
| | DNV GL Det Norske Veritas, Germanischer Lloyd | - | TAE00001Z6 |

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LR
Lloyds Register

EN 61535

08/20047
(E2)

UL-Approvals

Emblemă

Aprobare

Text de aprobare suplimentar

Nume
certificat



cURus

Underwriters Laboratories Inc.

UL 1977

E45171

Counterpart



Nr. articol890-123

Socket; with strain relief housing; 3-pole; Cod. A; 1,50 mm²; white

www.wago.com/890-123



Nr. articol891-8993/005-102

pre-assembled interconnecting cable; Eca; Socket/plug; 3-pole; Cod. A; 1 m; 1,00 mm²; white

www.wago.com/891-8993/005-102



Nr. articol891-8993/105-102

pre-assembled connecting cable; Eca; Socket/open-ended; 3-pole; Cod. A; 1 m; 1,00 mm²; white

www.wago.com/891-8993/105-102



Nr. articol890-223

Socket; 3-pole; Cod. A; 1,50 mm²; white

www.wago.com/890-223

Descărcări

CAD/CAE-Data

CAD data

2D/3D Models 890-833/011-000

[URL](#)

[Descărcare](#)

PCB Design

Symbol and Footprint 890-833/011-000

[URL](#)

[Descărcare](#)

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:

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Aveți întrebări despre produsele noastre?

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- 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

Installation Notes

Familie de produse

<i>WINSTA</i>® MINI

Afișare globală produse din familie.

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