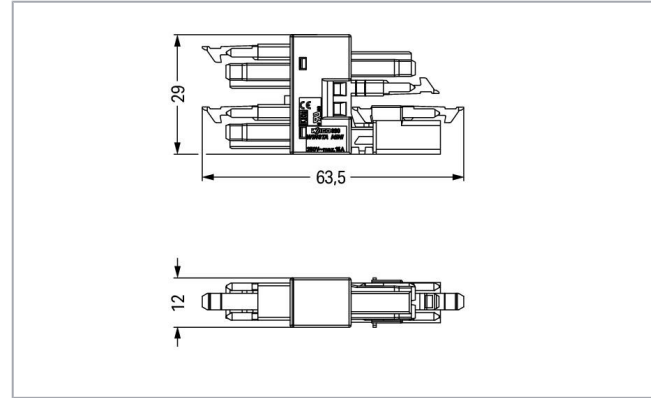
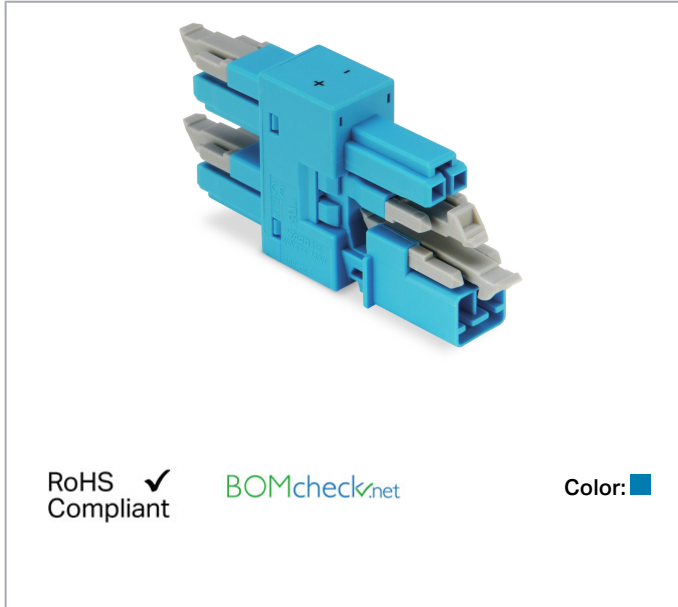


Data sheet | Item number: 890-1904

3-way distribution connector; 2-pole; Cod. I; 1 input; 3 outputs; blue

www.wago.com/890-1904



Item description

- Protected against mismatching and maintenance-free
- Low profile with 4.4 mm pole spacing

Data

Electrical data

Note on contact resistance

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

Ratings per IEC/EN

| 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 |

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

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



Ratings per UL

Hinweis für den amerikanischen Markt

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.

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

Connection data

| | |
|----------------------------|---|
| Pole No. | 2 |
| Total number of potentials | 2 |

Physical data

| | |
|-------------|---------------------|
| Pin spacing | 4.4 mm / 0.173 inch |
| Width | 12 mm / 0.472 inch |
| Height | 29 mm / 1.142 inch |
| Depth | 63.5 mm / 2.5 inch |

Mechanical data

| | |
|---|--|
| Application | DALI, Lighting Management |
| Coding | I |
| Marking | + - |
| Potential marking | + - |
| Mating force of a plug-in connection | approx. 20 ... 70 N (depending on pole number) |
| Retention force of a plug-in connection | When 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 |
| Distributor type | Distribution connector, 3-way, |
| Protection type | IP20 |
| Note on protection type | IP40 when mated |

Plug-in connection

| | |
|------------------------------------|-------------|
| Contact type (pluggable connector) | Socket/plug |
| Mismating protection | Yes |
| Note on mismating protection | |

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



All WINSTA[®] components are 100% protected against mismatching when: a.) plugging different numbers of poles b.) plugging while rotated 180 c.) plugging while laterally staggered d.) plugging one pole

| | |
|-------------------------------|--|
| Locking lever | yes |
| Locking of plug-in connection | locking lever |
| Hinweis zur Verriegelung | 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). |

Material data

| | |
|---------------------|--|
| Color | blue |
| Insulation material | Polyamide (PA66) |
| Contact material | Copper or copper alloy (surface-treated) |
| Weight | 11.9 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 | DE |
| GTIN | 4055143608718 |
| Customs tariff number | 85366990990 |






Approvals / Certificates

UL-Approvals

| Logo | Approval | Additional Approval Text | Certificate name |
|--|---|--------------------------|------------------|
|  | cURus Underwriters Laboratories Inc. | UL 1977 | E45171 |



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

Counterpart

| | | |
|--|---|--|
|  | Item no.890-1102 Socket; 2-pole; Cod. I; 1,50 mm ² ; blue | www.wago.com/890-1102 |
|  | Item no.890-1112 Plug; 2-pole; 1,50 mm ² ; blue | www.wago.com/890-1112 |
|  | Item no.891-8982/006-101 pre-assembled interconnecting cable; Eca; Socket/plug; 2-pole; Cod. I; H05VV-F 2 x 1.5 mm ² ; 1 m; 1,50 mm ² ; blue | www.wago.com/891-8982/006-101 |
|  | Item no.891-8982/106-101 pre-assembled connecting cable; Eca; Socket/open-ended; 2-pole; Cod. I; H05VV-F 2 x 1.5 mm ² ; 1 m; 1,50 mm ² ; blue | www.wago.com/891-8982/106-101 |
|  | Item no.891-8982/206-101 pre-assembled connecting cable; Eca; Plug/open-ended; 2-pole; Cod. I; H05VV-F 2 x 1.5 mm ² ; 1 m; 1,50 mm ² ; blue | www.wago.com/891-8982/206-101 |

Required accessories

assembling

| | | |
|---|---|--|
|  | Item no.: 890-1622 Mounting plate; for h-distribution connectors; 2-pole; black | www.wago.com/890-1622 |
|  | Item no.: 890-1672 Mounting plate; for h-distribution connectors; 2-pole; white | www.wago.com/890-1672 |

Downloads

Documentation

Bid Text

| | | | |
|-------------------------|-------------|----------------|----------|
| 890-1904 X81 - Datei | 19. 2. 2019 | xml 2.8 kB | Download |
| 890-1904 doc - Datei | 13. 4. 2017 | doc 23.0 kB | Download |

Environmental Product Compliance

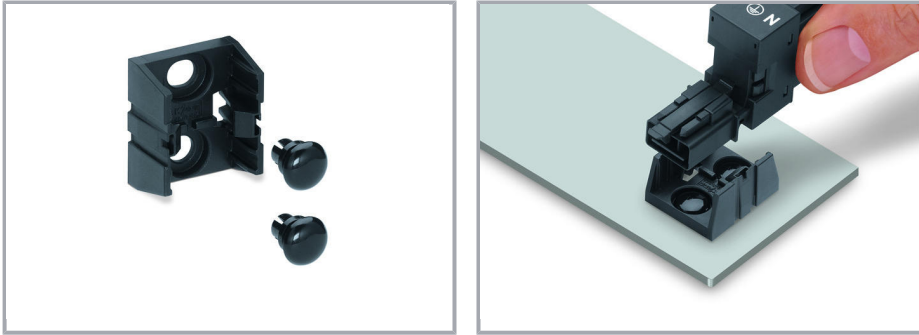
Compliance Search

| | | |
|---|-----|----------|
| Environmental Product Compliance 890-1904 3-way distribution connector; 2-pole; Cod. I; 1 input; 3 outputs; blue | URL | Download |
|---|-----|----------|

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

Installation Notes

Installation



Secure the mounting plate via pins.

Product family

WINSTA® MINI

[Show all products from the family](#)

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