# Data Sheet | Item Number: 2273-205

PUSH WIRE® splicing connector; for solid conductors; max. 2.5 mm²; 5-conductor; transparent housing; yellow cover; Surrounding air temperature: max 60°C (T60); 2,50 mm²; transparent

https://www.wago.com/2273-205

## Notes

| | |
|---|---|
| General safety information | **NOTICE: Observe installation and safety instructions!**<br><br>▪ **Only to be used by electricians!**<br>▪ Do not work under voltage/load!<br>▪ Use only for proper use!<br>▪ Observe national regulations/standards/guidelines!<br>▪ Observe technical specifications for the products!<br>▪ Observe the number of permissible potentials!<br>▪ Do not use damaged/dirty components!<br>▪ Observe conductor types, cross-sections and strip lengths!<br>▪ Insert conductor until it hits the product's backstop!<br>▪ Use original accessories!<br><br>**To be sold only with installation instructions!** |
| Safety information | in grounded power lines |

## Electrical data

| Ratings per | IEC/EN 60998 | | |
|---|---|---|---|
| Overvoltage category | III | III | II |
| Pollution degree | 3 | 2 | 2 |
| Nominal voltage | - | - | 450 V |
| Rated impulse withstand voltage | - | - | 4 kV |
| Rated current | - | - | 24 A |

| Ratings per UL | |
|---|---|
| Rated voltage (UL) | 600 V |
| Rated current UL | 20 A |

### General information

| | |
|---|---|
| Wiring direction | Side-entry wiring |

## Connection Data

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|---|---|
| Clamping units | 5 |
| Total number of potentials | 1 |

### Connection 1

| | |
|---|---|
| Connection technology | PUSH WIRE® |
| Actuation Method | Push-in |
| Connectable conductor materials | Copper<br>Aluminum |


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## Connection 1

| | |
|---|---|
| Connectable conductor materials (note) | **Terminating Aluminum Conductors**<br>WAGO Spring-Clamp Terminal Blocks are suitable for solid aluminum conductors up to 4 mm²/12 AWG if WAGO Aluminum Contact Paste 249-130 is used for termination.<br><br>Aluminum Contact Paste Advantages:<br>▪ Automatically destroys the oxide film during clamping.<br>▪ Prevents fresh oxidation at the clamping point.<br>▪ Prevents electrolytic corrosion between aluminum and copper conductors (in the same terminal block).<br>▪ Provides long-term protection against corrosion.<br><br>For spring pressure connections with PUSH WIRE® connection technology, **WAGO recommends that the aluminum conductor first be cleaned** and then immediately inserted into the clamping unit filled with aluminum contact paste.<br><br>It is also possible to apply WAGO Aluminum Contact Paste **additionally** on the whole surface of the aluminum conductor before termination.<br><br>Please note that the nominal currents must be adapted to the reduced conductivity of the aluminum conductors::<br>2.5 mm² = 16 A<br>4 mm² = 22 A |
| Solid conductor | 0.5 … 2.5 mm² / 20 … 16 AWG |
| Strip length | 11 mm / 0.43 inches |
| Wiring direction | Side-entry wiring |

## Physical data

| | |
|---|---|
| Width | 22 mm / 0.866 inches |
| Height | 5.8 mm / 0.228 inches |
| Depth | 16.7 mm / 0.657 inches |

## Material data

| | |
|---|---|
| Note (material data) | Information on material specifications can be found here |
| Color | transparent |
| Cover color | yellow |
| Material group | IIIa |
| Insulation material (main housing) | Polycarbonate (PC) |
| Flammability class per UL94 | V2 |
| Clamping spring material | Chrome-nickel spring steel (CrNi) |
| Contact material | Electrolytic copper ($E_{Cu}$) |
| Contact Plating | Tin |
| Fire load | 0.03 MJ |
| Weight | 1.6 g |


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## Environmental requirements

| | |
|---|---|
| Ambient temperature (operation) | +60 °C |
| Relative humidity during storage and transportation | 20 … 95 % |
| Ambient temperature (installation) | -35 … +60 °C |
| Continuous operating temperature | 105 °C |
| Temperature marking per EN 60998 | T60 |

## Commercial data

| | |
|---|---|
| Product Group | 7 (Push Wire Conn.) |
| PU (SPU) | 1000 (100) pcs |
| Packaging type | Box |
| Country of origin | DE |
| GTIN | 4050821027874 |
| Customs tariff number | 85369010000 |

## Product Classification

| | |
|---|---|
| UNSPSC | 39121409 |
| eCl@ss 10.0 | 27-14-11-04 |
| eCl@ss 9.0 | 27-14-11-04 |
| ETIM 9.0 | EC000446 |
| ETIM 10.0 | EC000446 |
| ECCN | NO US CLASSIFICATION |

## Environmental Product Compliance

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|---|---|
| Environmental Product Declaration | <a internalname="Link Serie 2273" href="https://register.pep-ecopassport.org/pep/consult/mbesqrsCBZbWbKJq6-kJ3rFxLkmXxrFbnb6ZK5rxxCI/mbesqrsCBZbWbKJq6-kJ3lQmBuGvAH-sLUfQU9idjOpk">Link</a> |
| RoHS Compliance Status | Compliant,No Exemption |