

## M23 19 Male -solder (termination)



Image is for illustration purposes only. Please refer to product description.

|                    |   |
|--------------------|---|
| Part number        | 09 15 119 2602  |
| Specification      | M23 19 Male -solder (termination)   |
| HARTING eCatalogue | <a href="https://b2b.harting.com/09151192602">https://b2b.harting.com/09151192602</a> |

### Identification

|                |                         |
|----------------|-------------------------|
| Category       | Inserts                 |
| Series         | Circular connectors M23 |
| Identification | Signal                  |
| Element        | Inserts                 |

### Version

|                                   |                    |
|-----------------------------------|--------------------|
| Termination method                | Solder termination |
| Gender                            | Male               |
| Number of contacts                | 19                 |
| Number of signal contacts         | 16                 |
| Number of special contacts        | 3                  |
| Specification of special contacts | Auxiliary contact  |

### Technical characteristics

|   |                        |
|---|------------------------|
| Conductor cross-section                 | 1 mm <sup>2</sup> max. |
| Rated current (signal)                  | 8 A                    |
| Rated voltage (signal)                  | 100 V                  |
| Rated impulse voltage (signal)          | 1.5 kV                 |
| Pollution degree (signal)               | 3                      |
| Rated current (special contact)         | 10 A                   |
| Rated voltage (special contact)         | 100 V                  |
| Rated impulse voltage (special contact) | 1.5 kV                 |
| Pollution degree (special contact)      | 3                      |



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## Technical characteristics

|                       |                    |
|-----------------------|--------------------|
| Insulation resistance | >10 <sup>6</sup> Ω |
| Limiting temperature  | -40 ... +125 °C    |
| Mating cycles         | ≥500               |

## Material properties

|   |  |
|---|--|
| Material (insert)                         | Polyamide (PA)   |
| Colour (insert)                           | White  |
| Material (contacts)                       | Copper alloy   |
| Surface (contacts)                        | Gold plated  |
| Material flammability class acc. to UL 94 | V-0  |
| RoHS                                      | compliant with exemption                               |
| RoHS exemptions                           | 6(c): Copper alloy containing up to 4 % lead by weight |
| ELV status                                | compliant with exemption                               |
| China RoHS                                | 50   |
| REACH Annex XVII substances               | Not contained  |
| REACH ANNEX XIV substances                | Not contained  |
| REACH SVHC substances                     | Yes  |
| REACH SVHC substances                     | Lead   |
| ECHA SCIP number                          | 052d6da0-30ef-44e8-bbe4-e75780521d22                   |
| California Proposition 65 substances      | Yes  |
| California Proposition 65 substances      | Lead   |
| Fire protection on railway vehicles       | EN 45545-2 (2020-08)                                   |
| Requirement set with Hazard Levels        | R26  |

## Specifications and approvals

|          |                       |
|----------|-----------------------|
| UL / CSA | UL 1977 ECBT2.E235076 |
|----------|-----------------------|

## Commercial data

|                                |               |
|--------------------------------|---------------|
| Packaging size                 | 5             |
| Net weight                     | 7.66 g        |
| Country of origin              | Germany       |
| European customs tariff number | 85366990      |
| GTIN                           | 5713140187238 |



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## Commercial data

eCl@ss

27440223 Contact insert for circular connectors

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