

## M23 P 5+3+PE Female -C (A)



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

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| Part number        | 09 15 609 3101                                                                |
| Specification      | M23 P 5+3+PE Female -C (A)                                                    |
| HARTING eCatalogue | <a href="https://harting.com/09156093101">https://harting.com/09156093101</a> |

### Identification

|                |                         |
|----------------|-------------------------|
| Category       | Inserts                 |
| Series         | Circular connectors M23 |
| Identification | Power                   |
| Element        | Inserts                 |
| Specification  | Mating face (A)         |

### Version

|                                   |                                         |
|-----------------------------------|-----------------------------------------|
| Termination method                | Crimp termination                       |
| Gender                            | Female                                  |
| Number of contacts                | 9                                       |
| Number of signal contacts         | 5                                       |
| Number of power contacts          | 3                                       |
| Number of special contacts        | 1                                       |
| Specification of special contacts | PE contact                              |
| Details                           | Please order crimp contacts separately. |
|                                   | 4x 2 mm                                 |
|                                   | 5x 1 mm                                 |

### Technical characteristics

|                                |                            |
|--------------------------------|----------------------------|
| Conductor cross-section        | 0.14 ... 4 mm <sup>2</sup> |
| Rated current (signal)         | 10 A                       |
| Rated voltage (signal)         | 250 V                      |
| Rated impulse voltage (signal) | 2.5 kV                     |
| Pollution degree (signal)      | 3                          |



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## Technical characteristics

|                               |                   |
|-------------------------------|-------------------|
| Rated current (power)         | 28 A              |
| Rated voltage (power)         | 600 V             |
| Rated impulse voltage (power) | 4 kV              |
| Pollution degree (power)      | 3                 |
| Insulation resistance         | $>10^{13} \Omega$ |
| Limiting temperature          | -40 ... +125 °C   |
| Mating cycles                 | $\geq 500$        |
| Test voltage $U_{r.m.s.}$     | 4 kV              |

## Material properties

|                                           |                      |
|-------------------------------------------|----------------------|
| Material (insert)                         | Polyamide (PA)       |
| Colour (insert)                           | Blue                 |
| Material flammability class acc. to UL 94 | V-0                  |
| RoHS                                      | compliant            |
| ELV status                                | compliant            |
| China RoHS                                | e                    |
| REACH Annex XVII substances               | Not contained        |
| REACH ANNEX XIV substances                | Not contained        |
| REACH SVHC substances                     | Not contained        |
| 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                     | 8 g                                             |
| Country of origin              | Germany                                         |
| European customs tariff number | 85366990                                        |
| GTIN                           | 5713140187429                                   |
| eCl@ss                         | 27440223 Contact insert for circular connectors |
| ETIM                           | EC003557                                        |



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UNSPSC 24.0

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