

## UIC 558 18PIN PLUG KIT-MC-AU-CND



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

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| Part number        | 09 58 018 1012                                                                |
| Specification      | UIC 558 18PIN PLUG KIT-MC-AU-CND                                              |
| HARTING eCatalogue | <a href="https://harting.com/09580181012">https://harting.com/09580181012</a> |

### Identification

|                |                |
|----------------|----------------|
| Category       | Connector sets |
| Series         | HARTING UIC    |
| Identification | UIC 558        |
| Element        | Connector sets |

### Version

|                         |                                                                              |
|-------------------------|------------------------------------------------------------------------------|
| Termination method      | Crimp termination                                                            |
| Gender                  | Male                                                                         |
| Number of contacts      | 18                                                                           |
| Number of cable entries | 1                                                                            |
| Cable entry             | 1x Pg 21                                                                     |
| Details                 | Crimp contacts enclosed separately<br>Please order conduit parts separately. |

### Technical characteristics

|                               |                            |
|-------------------------------|----------------------------|
| Conductor cross-section       | 0.75 ... 1 mm <sup>2</sup> |
| Conductor cross-section [AWG] | AWG 18 ... AWG 17          |
| Rated current                 | 10 A                       |
| Rated voltage                 | 60 V                       |
| Insulation resistance         | >10 <sup>7</sup> Ω         |
| Contact resistance            | ≤4 mΩ                      |
| Stripping length              | 5 mm                       |
| Limiting temperature          | -50 ... +125 °C            |



**Pushing Performance**  
Since 1945

## Technical characteristics

|                                        |                                                |
|----------------------------------------|------------------------------------------------|
| Mating cycles                          | ≥10,000                                        |
| Degree of protection acc. to IEC 60529 | IP69 / IPX9K acc. to ISO 20653 mated condition |

## Material properties

|                                           |                                          |
|-------------------------------------------|------------------------------------------|
| Material (insert)                         | Polyamide (PA)                           |
| Colour (insert)                           | Black                                    |
| Material (contacts)                       | Copper alloy                             |
| Surface (contacts)                        | Gold plated                              |
| Material (hood/housing)                   | Polyamide (PA)<br>Fibre-glass reinforced |
| Colour (hood/housing)                     | Black<br>RAL 3020 (traffic red)          |
| Material (seal)                           | Silicone                                 |
| Material flammability class acc. to UL 94 | V-0                                      |

## Specifications and approvals

|                |                      |
|----------------|----------------------|
| Specifications | UIC 50558            |
|                | IRS 50558            |
|                | IEC 61373 Category 2 |
|                | IEC 60529            |

## Commercial data

|                                |                                   |
|--------------------------------|-----------------------------------|
| Packaging size                 | 1                                 |
| Net weight                     | 180 g                             |
| Country of origin              | India                             |
| European customs tariff number | 85366990                          |
| GTIN                           | 5713140190238                     |
| ETIM                           | EC002635                          |
| eCl@ss                         | 27440115 Circular connector (set) |