



Pushing Performance  
Since 1945

# UICIT\_8/16\_HMC\_FI\_CRT\_0,09-1,5mm²



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

|                    |   |
|--------------------|---|
| Part number        | 09 58 024 3101  |
| Specification      | UICIT_8/16_HMC_FI_CRT_0,09-1,5mm²   |
| HARTING eCatalogue | <a href="https://harting.com/09580243101">https://harting.com/09580243101</a> |

## Identification

|                |             |
|----------------|-------------|
| Category       | Inserts     |
| Series         | HARTING UIC |
| Identification | UIC IT      |

## Version

|                    |  |
|--------------------|--|
| Termination method | Crimp termination  |
| Gender             | Female   |
| Number of contacts | 24   |
| Details            | Please order crimp contacts separately.<br>Please order moduls separately. |

## Technical characteristics

|                               |  |
|-------------------------------|--|
| Conductor cross-section       | 0.08 ... 0.21 mm² Data<br>1 mm² Signal   |
| Conductor cross-section [AWG] | AWG 28 ... AWG 24 Data<br>AWG 18 Signal  |
| Rated current (data)          | 1 A  |
| Rated voltage (data)          | 50 V   |
| Rated current (signal)        | 10 A   |
| Rated voltage (signal)        | 100 V  |
| Transmission characteristics  | Cat. 7 <sub>A</sub> Class F <sub>A</sub> up to 1,000 MHz<br>Cat. 8 Class II up to 2000 MHz |



**Pushing Performance**  
Since 1945

## Technical characteristics

|                       |                    |
|-----------------------|--------------------|
| Data rate             | 10 Mbit/s          |
|                       | 100 Mbit/s         |
|                       | 1 Gbit/s           |
|                       | 2.5 Gbit/s         |
|                       | 5 Gbit/s           |
|                       | 10 Gbit/s          |
|                       | 25 Gbit/s          |
|                       | 40 Gbit/s          |
| Insulation resistance | >10 <sup>7</sup> Ω |
| Limiting temperature  | -50 ... +125 °C    |
| Mating cycles         | ≥10,000            |

## Material properties

|   |                |
|---|----------------|
| Material (insert)                         | Polyamide (PA) |
| Colour (insert)                           | Black          |
| 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  |
| California Proposition 65 substances      | Not contained  |

## Specifications and approvals

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

## Commercial data

|                                |   |
|--------------------------------|---|
| Packaging size                 | 1   |
| Net weight                     | 47.8 g  |
| Country of origin              | India   |
| European customs tariff number | 85366990  |
| GTIN                           | 5713140492196                                     |
| eCl@ss                         | 27440205 Contact insert for industrial connectors |



**Pushing Performance**  
Since 1945

Commercial data

|             |          |
|-------------|----------|
| UNSPSC 24.0 | 39121522 |
|-------------|----------|