



Pushing Performance  
Since 1945

# UICIT\_8/8\_HMC\_FI\_CRT\_009-052mm²



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

Part number	09 58 016 3101
Specification	UICIT_8/8_HMC_FI_CRT_009-052mm²
HARTING eCatalogue	<a href="https://harting.com/09580163101">https://harting.com/09580163101</a>

## Identification

Category	Inserts
Series	HARTING UIC
Identification	UIC IT

## Version

Termination method	Crimp termination
Gender	Female
Number of contacts	16
Details	Please order crimp contacts separately. Please order moduls separately.

## Technical characteristics

Conductor cross-section	0.08 ... 0.21 mm²
Conductor cross-section [AWG]	AWG 28 ... AWG 24
Rated current	1 A
Rated voltage	50 V
Transmission characteristics	Cat. 7 <sub>A</sub> Class F <sub>A</sub> up to 1,000 MHz Cat. 8 Class II up to 2000 MHz
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



**Pushing Performance**  
Since 1945

## Technical characteristics

Insulation resistance	$>10^7 \Omega$
Limiting temperature	-50 ... +125 °C
Mating cycles	$\geq 10,000$

## 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	Inspired by UIC 50558
	Inspired by IRS 50558
	IEC 61373 Category 2
	IEC 60529

## Commercial data

Packaging size	1
Net weight	45 g
Country of origin	India
European customs tariff number	85366990
eCI@ss	27440205 Contact insert for industrial connectors
UNSPSC 24.0	39121522