



Pushing Performance
Since 1945

UICIT_WMRF 8/8_KIT



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

Part number	09 58 016 1032
Specification	UICIT_WMRF 8/8_KIT
HARTING eCatalogue	https://harting.com/09580161032

Identification

Category	Connector sets
Series	HARTING UIC
Identification	UIC IT
Element	Connector sets

Version

Termination method	Crimp termination
Gender	Female
Number of contacts	16
Details	Crimp contacts enclosed separatly
	Module enclosed separatly
	Cable clamp enclosed separatly

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 _A Class F _A up to 1,000 MHz
	Cat. 8 Class II up to 2000 MHz



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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
	10 Gbit/s
Insulation resistance	$>10^7 \Omega$
Contact resistance	$\leq 4 \text{ m}\Omega$
Tightening torque	5 Nm Fixing screws M6
Limiting temperature	-40 ... +90 °C
Mating cycles	$\geq 10,000$
Degree of protection acc. to IEC 60529	IP67 / IP69

Material properties

Material (insert)	Polyamide (PA)
Colour (insert)	Black
Material (contacts)	Copper alloy
Surface (contacts)	Gold plated
Material (hood/housing)	Aluminium die-cast Corrosion resistant
Surface (hood/housing)	Powder-coated
Colour (hood/housing)	RAL 2004 (pure orange)
Material (seal)	Silicone
Material (locking)	Stainless steel
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	Yes
REACH SVHC substances	Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate
California Proposition 65 substances	Not contained



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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	0.25 kg
Country of origin	India
European customs tariff number	85366990
eCl@ss	27440115 Circular connector (set)
ETIM	EC002635
UNSPSC 24.0	39121413