Pushing Performance
Since 1945

UICIT_PL_8/16_KIT

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

Part number	19 58 024 1031
Specification	UICIT_PL_8/16_KIT
HARTING eCatalogue	https://harting.com/19580241031

Identification

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

Version

Termination method	Crimp termination
Gender	Male
Number of contacts	24
Number of cable entries	1
Cable entry	1x Integrated
Details	Crimp contacts enclosed separatly Module enclosed separatly Cable clamp enclosed separatly

Technical characteristics

Conductor cross-section	0.08 ... 0.21 mm² Data 1 mm² Signal
Conductor cross-section [AWG]	AWG 24 ... AWG 28 Data AWG 18 Signal
Rated current (data)	1 A
Rated voltage (data)	50 V
Rated current (signal)	10 A
Rated voltage (signal)	100 V

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Technical characteristics

Insulation resistance	$>10^7$ Ω
Contact resistance	≤4 mΩ
Limiting temperature	-40 ... +90 °C
Mating cycles	≥10,000
Degree of protection acc. to IEC 60529	IP67 / IP69 mated condition
Clamping range	16.9 ... 18.5 mm

Material properties

Material (insert)	Polyamide (PA)
Colour (insert)	Black
Material (contacts)	Copper alloy
Surface (contacts)	Gold plated
Material (hood/housing)	Polyamide (PA) Fibre-glass reinforced
Colour (hood/housing)	Black RAL 1003 (signal yellow)
Material (seal)	Silicone
Material flammability class acc. to UL 94	V-0
RoHS	compliant with exemption
RoHS exemptions	6(c): Copper alloy containing up to 4 % lead by weight
ELV status	compliant with exemption
China RoHS	50
REACH Annex XVII substances	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Yes
REACH SVHC substances	Lead Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead

Specifications and approvals

Specifications	UIC 50558 IRS 50558 IEC 61373 Category 2 IEC 60529

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Commercial data

Packaging size	1
Net weight	300 g
Country of origin	India
European customs tariff number	85366990
eCl@ss	27440115 Circular connector (set)
ETIM	EC002635
UNSPSC 24.0	39121413

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