

M23 P Hybrid 4+4+3+PE Male-C



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

Part number	09 15 612 3001
Specification	M23 P Hybrid 4+4+3+PE Male-C
HARTING eCatalogue	https://b2b.harting.com/09156123001

Identification

Category	Inserts
Series	Circular connectors M23
Identification	Hybrid
Element	Inserts

Version

Termination method	Crimp termination
Gender	Male
Number of contacts	12
Number of data contacts	4
Number of signal contacts	4
Number of power contacts	3
Number of special contacts	1
Specification of special contacts	PE contact
Details	Please order crimp contacts separately. 4x 2 mm 4x 1 mm 4x 0.6 mm

Technical characteristics

Conductor cross-section	0.08 ... 4 mm ²
Rated current (data)	2 A
Rated voltage (data)	60 V
Rated impulse voltage (data)	0.5 kV



Pushing Performance
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Technical characteristics

Pollution degree (data)	3
Rated current (signal)	8 A
Rated voltage (signal)	300 V
Rated impulse voltage (signal)	2.5 kV
Pollution degree (signal)	3
Rated current (power)	28 A
Rated voltage (power)	600 V
Rated impulse voltage (power)	4 kV
Pollution degree (power)	3
Limiting temperature	-40 ... +125 °C
Mating cycles	≥500
Test voltage $U_{r.m.s.}$	4 kV

Material properties

Material (insert)	Polyamide (PA)
Colour (insert)	Blue
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
Fire protection on railway vehicles	EN 45545-2 (2020-08)
Requirement set with Hazard Levels	R26

Specifications and approvals

UL / CSA	UL 1977 ECBT2.E235076
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Commercial data

Packaging size	5
Net weight	8.37 g
Country of origin	Germany
European customs tariff number	85366990



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GTIN	5713140187443
ETIM	EC003557
eCl@ss	27440223 Contact insert for circular connectors