

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



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

Identification

Category	Inserts
Series	Circular connectors M23
Identification	Hybrid
Element	Inserts

Version

Termination method	Crimp termination
Gender	Female
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	<p>Please order crimp contacts separately.</p> <p>4x 2 mm</p> <p>4x 1 mm</p> <p>4x 0.6 mm</p>

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

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	9 g
Country of origin	Germany
European customs tariff number	85366990

Commercial data

GTIN	5713140187450
ETIM	EC003557
eCl@ss	27440223 Contact insert for circular connectors