

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



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

### Identification

Category	Inserts
Series	Circular connectors M23
Identification	Power
Element	Inserts

### Version

Termination method	Crimp termination
Gender	Male
Number of contacts	8
Number of signal contacts	4
Number of power contacts	3
Number of special contacts	1
Specification of special contacts	PE contact Please order crimp contacts separately.
Details	4x 2 mm 4x 1 mm

### Technical characteristics

Conductor cross-section	0.14 ... 4 mm <sup>2</sup>
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

## Technical characteristics

Rated voltage (power)	600 V
Rated impulse voltage (power)	4 kV
Pollution degree (power)	3
Insulation resistance	$>10^{13} \Omega$
Limiting temperature	-40 ... +125 °C
Mating cycles	$\geq 500$
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	6 g
Country of origin	Germany
European customs tariff number	85366990
GTIN	5713140187382
eCl@ss	27440223 Contact insert for circular connectors
ETIM	EC003557
UNSPSC 24.0	39121421