

M23 P 4+3+PE Female -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 | Female |
| Number of contacts | 8 |
| Number of signal contacts | 4 |
| Number of power contacts | 3 |
| Further contacts | PE contact |
| Details | <p>Please order crimp contacts separately.</p> <p>4x 2 mm 4x 1 mm</p> |

Technical characteristics

| | |
|--------------------------------|----------------------------|
| Conductor cross-section | 0.14 ... 4 mm ² |
| 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 |

Technical characteristics

| | |
|-------------------------------|-------------------|
| Rated impulse voltage (power) | 4 kV |
| Pollution degree (power) | 3 |
| Insulation resistance | $>10^{13} \Omega$ |
| 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 | No |
| REACH ANNEX XIV substances | No |
| REACH SVHC substances | No |

Specifications and approvals

| | |
|----------|-----------------------|
| UL / CSA | UL 1977 ECBT2.E235076 |
|----------|-----------------------|

Commercial data

| | |
|--------------------------------|---|
| Packaging size | 5 |
| Net weight | 9 g |
| Country of origin | Germany |
| European customs tariff number | 85366990 |
| eCl@ss | 27440223 Contact insert for circular connectors |

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