# ZS4000-2108 | EMC power coupling

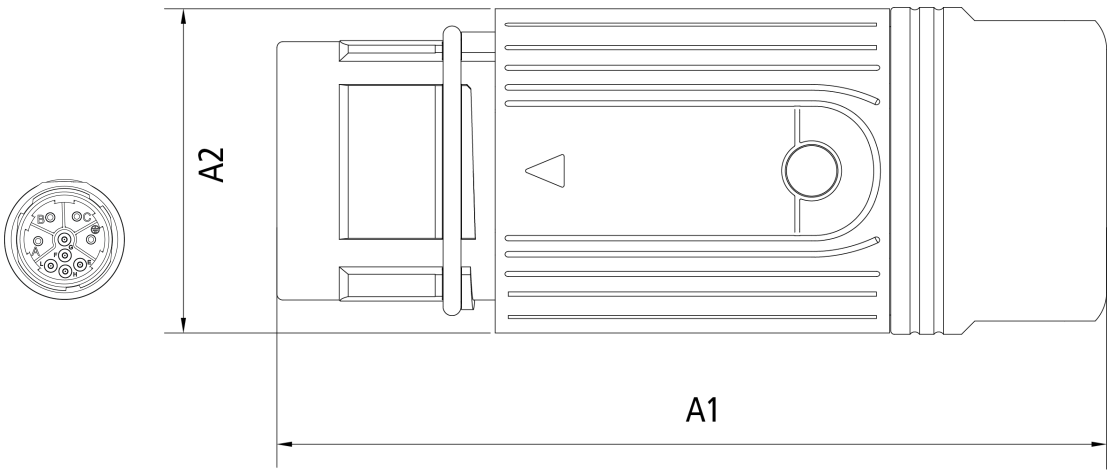
## M23, socket, straight, male, Power: 3+PE, Signal: 5



| Electrical data | |
|---|---|
| Rated voltage (power) | 630 V AC/DC |
| Rated voltage (signal/24V) | 250 V AC/DC |
| Rated current (power) | 30 A max. |
| Rated current (signal/24V) | 7 A max. |
| Rated impulse voltage (power) | 6.0 kV |
| Rated impulse voltage (signal/24V) | 2.5 kV |
| Contact resistance | < 5 mΩ (signal), < 3 mΩ (power) |
| **Mechanical data** | |
| Accessories type | Connectors/Cables |
| Installation size | M23 |
| Connector type | socket |
| Configuration | straight |
| Contact type | male |
| Number of positions (face) | Power: 3+PE, Signal: 5 |
| Wire termination | crimp connection |
| Mating cycles | 500 |

| | |
|---|---|
| Way of locking | Speedtec® |
| Weight per piece | 0.120 kg (0.2646 lb) |
| Body color | metal |
| Body material | zinc diecast/nickel plated |
| Seal | FKM |
| Clamp ring | brass/nickel plated |
| Contact carrier material | PA 6.6 mod., UL 94 V-0 |
| Contact material | brass/gold plated |
| Max. wire cross-section (power) | 0.35...2.5 mm² |
| Max. wire cross-section (signal/24 V) | 0.14 mm²...1.0 mm² |
| **Environmental data** | |
| Special features | Max. height for operation 2000 m<br>Delivery with crimp contacts 5 x 1 mm², 4 x 2 mm² |
| Ambient temperature (operation) | -20...+130°C, -4...+266°F |
| Protection rating | IP66/67 in screwed condition |
| Pollution level | 3 (according to VDE 0110/EN61984 part 6.19.2.2) |
| Overvoltage category | 3 (according to VDE 0110/EN61984 part 6.19.2.2) |

## Dimensions




| | |
|---|---|
| A1 | 70.00 mm |
| A2 | 20.00 mm |

## Notes

- Illustrations similar

## Ordering information

| | |
|---|---|
| ZS4000-2108 | EMC power coupling (male), M23, 9-pin, for AM8700/AM8800/AL800/AL8100 servomotor with cable tail (counterpart to motor cable ZK450x-80x3-xxxx and ZK450x-80x4-xxxx) |

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