

M17 Circular connector

630V- 14A

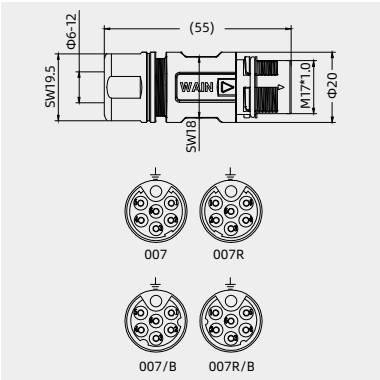
Technical characteristics

|                            |                         |                         |                         |
|----------------------------|-------------------------|-------------------------|-------------------------|
| Specifications             |                         |                         |                         |
| Specifications             |                         | DIN EN 60 664           |                         |
|                            |                         | DIN EN 61 984           |                         |
| Approvals                  |                         |                         |                         |
| Electrical data            |                         | Mechanical data         |                         |
| Number of contacts         | 7(6+PE)                 | Housing material        | copper alloy,zinc alloy |
| Rated current              | 14A                     | Housing surface         | Nickel-plated           |
| mm²/ AWG                   | (0.03-1.5mm² /AWG32-16) | Contact resistance      | ≤ 5 mΩ                  |
| Rated voltage              | 630 V                   | Insulating bodies       | PBT                     |
| Rated impulse voltage      | 6kV                     | Contact material        | copper alloy            |
| Pollution degree           | 3                       | Contact surface         | gold plated             |
| Flammability acc. to UL 94 | V0 (UL94)               | Mechanical working life | >500                    |
| Overvoltage categorie      | III                     | Degree of protection    | IP67                    |
|                            |                         | Temperature range       | -40°C ...+130°C         |

Crimp terminal  
order crimp contacts separately



| Contacts | Cable outlet | Designation            | Order No.        |
|----------|--------------|------------------------|------------------|
| 7(6+PE)  | 6-9mm        | M17-007-CCT-D9.5-SH    | 165 007 700 2503 |
|          | 9-12mm       | M17-007-CCT-D12-SH     | 165 007 700 2504 |
|          | 6-9mm        | M17-007R-CCT-D9.5-SH   | 165 007 700 2505 |
|          | 9-12mm       | M17-007R-CCT-D12-SH    | 165 007 700 2506 |
|          | 6-9mm        | M17-007/B-CCT-D9.5-SH  | 165 007 400 2010 |
|          | 9-12mm       | M17-007/B-CCT-D12-SH   | 165 007 400 2011 |
|          | 6-9mm        | M17-007R/B-CCT-D9.5-SH | 165 007 700 2507 |
|          | 9-12mm       | M17-007R/B-CCT-D12-SH  | 165 007 700 2508 |

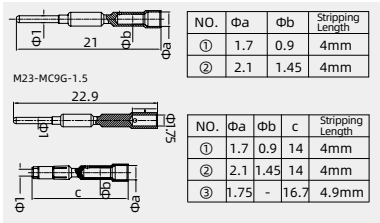


Crimp contacts

Crimp contacts



| NO. | Wire gauge(mm²) | Male          | Order No.        |
|-----|-----------------|---------------|------------------|
| ①   | 0.03-0.34       | M23-MC9G-0.34 | 101 031 210 2501 |
| ②   | 0.14-1.0        | M23-MC9G-1.0  | 101 031 210 0801 |
| ③   | 0.5-1.5         | M23-MC9G-1.5  | 101 031 210 0901 |
| NO. | Wire gauge(mm²) | Female        | Order No.        |
| ①   | 0.03-0.34       | M23-FC9G-0.34 | 101 031 220 2501 |
| ②   | 0.14-1.0        | M23-FC9G-1.0  | 101 031 220 0801 |
| ③   | 0.5-1.5         | M23-FC9G-1.5  | 101 031 220 0901 |



Tools

Crimping tool



| Wire gauge | Designation | Order No.        |
|------------|-------------|------------------|
| 0.14-4 mm² | TL28-2      | 198 001 001 0039 |

Notes: The tools for crimp terminal may influence the product quality and stability. Please select the tools recognized by our company.