

MR23 Circular connector

63V- 7A

Technical characteristics

Specifications			
Specifications	DIN EN 60 664		
	DIN EN 61 984		
Approvals			
Electrical data		Mechanical data	
Number of contacts	19(16+3)	Housing material	copper alloy,zinc alloy
signal:	0.03-1.0 mm ² / AWG 32-18	Housing surface	Nickel-plated
power:	0.14-1.5 mm ² / AWG 20-16	Contact resistance	≤ 5 mΩ
Rated current	7A	Insulating bodies	PBT
Rated voltage	63 V	Contact material	copper alloy
Rated impulse voltage	1.5 kV	Contact surface	gold plated
Pollution degree	3	Mechanical working life	>500
Flammability acc. to UL 94	V0 (UL94)	Degree of protection	IP67
Overvoltage categorie	III	Limiting temperature	-40°C ...+130°C

Forward coding, Crimp terminal
order crimp contacts separately

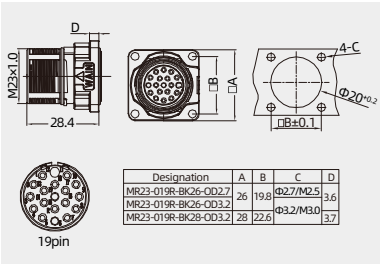
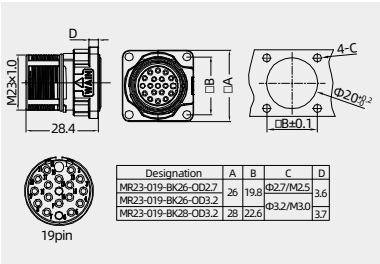
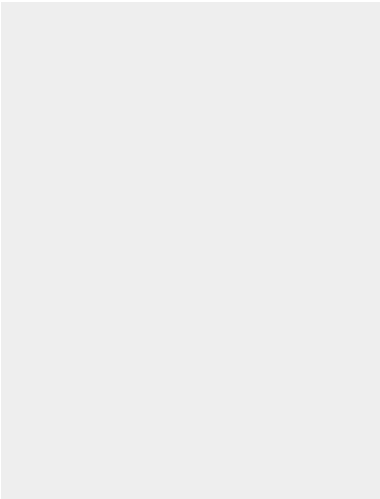


Contacts	Designation	Order No.
19	MR23-019-BK26-OD2.7	181 019 300 1007
	MR23-019-BK26-OD3.2	181 019 300 1008
	MR23-019-BK28-OD3.2	166 000 399 2504

Reverse coding, Crimp terminal
order crimp contacts separately



Contacts	Designation	Order No.
19	MR23-019R-BK26-OD2.7	181 019 300 1009
	MR23-019R-BK26-OD3.2	181 019 300 1010
	MR23-019R-BK28-OD3.2	166 000 399 2505



Crimp contacts

Crimp contacts 9A/7A

9A(signal)



7A(power)



9A(signal)



7A(power)



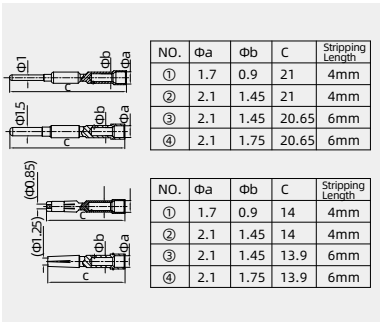
NO.	Wire gauge(mm ²)	Male	Order No.
①	0.03-0.34	M23-MC9G-0.34	101 031 210 2501
②	0.14-1.0	M23-MC9G-1.0	101 031 210 0801
③	0.14-1.4	MR23-MC7G-1.0	101 015 210 0801
④	0.5-1.5	MR23-MC7G-1.5	101 015 210 0901
NO.	Wire gauge(mm ²)	Female	Order No.
①	0.03-0.34	M23-FC9G-0.34	101 031 220 2501
②	0.14-1.0	M23-FC9G-1.0	101 031 220 0801
③	0.14-1.4	MR23-FC7G-1.0	101 015 220 0801
④	0.5-1.5	MR23-FC7G-1.5	101 015 220 0901

Tools

Crimping tool



Wire gauge	Designation	Order No.
0.14-4 mm ²	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.