

MR23 Circular connector

160V- 10A

Technical characteristics

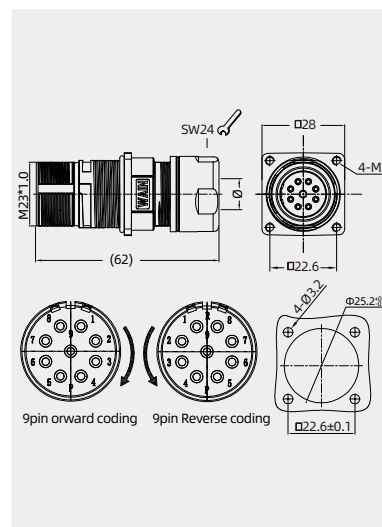
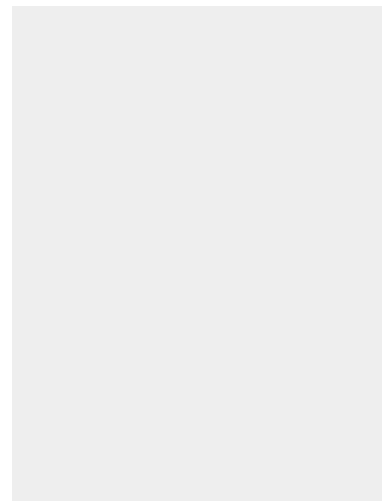
Specifications			
Specifications	DIN EN 60 664		
	DIN EN 61 984		
Approvals			
Electrical data		Mechanical data	
Number of contacts	9	Housing material	copper alloy,zinc alloy
Rated current	10A	Housing surface	Nickel-plated
mm²/ AWG	0.03-1.0	Contact resistance	≤ 5 mΩ
Rated voltage	160 V	Insulating bodies	PBT
Rated impulse voltage	2.5 kV	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
		Limiting temperature	-40°C ...+130°C

Forward coding, Crimp terminal
order crimp contacts separately

Contacts	Cable outlet	Designation	Order No.
9	4.5-8mm	MR23-009/B-CCT/R28-D8-SH	181 009 700 2542
	6-10mm	MR23-009/B-CCT/R28-D10-SH	181 009 700 2543
	9-14.5mm	MR23-009/B-CCT/R28-D14.5-SH	181 009 700 2544

Reverse coding, Crimp terminal
order crimp contacts separately

Contacts	Cable outlet	Designation	Order No.
9	4.5-8mm	MR23-009R/B-CCT/R28-D8-SH	181 009 700 2545
	6-10mm	MR23-009R/B-CCT/R28-D10-SH	181 009 700 2546
	9-14.5mm	MR23-009R/B-CCT/R28-D14.5-SH	181 009 700 2547



Crimp contacts

Crimp contacts 9A

9A



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
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

Tools

Crimping tool



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

NO.	Φa	Φb	Stripping Length
①	1.7	0.9	4mm
②	2.1	1.45	4mm

NO.	Φa	Φb	c	Stripping Length
①	1.7	0.9	14	4mm
②	2.1	1.45	14	4mm

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