

MR23 Circular connector

160V/125V- 7A

Technical characteristics

Specifications				
Specifications	DIN EN 60 664			
	DIN EN 61 984			
Approvals				
Electrical data			Mechanical date	
Number of contacts	12	17	Housing material	copper alloy,zinc alloy
Rated current	7A	7A	Housing surface	Nickel-plated
mm²/ AWG	(0.03-1.0 mm² / AWG 32-18)		Contact resistance	≤ 5 mΩ
Rated voltage	160 V	125 V	Insulating bodies	PBT
Rated impulse voltage	2.5 kV	2.0 kV	Contact material	copper alloy
Pollution degree	3	3	Contact surface	gold plated
Flammability acc. to UL 94	V0 (UL94)	V0 (UL94)	Mechanical working life	>500
Overvoltage categorie	III	III	Degree of protection	IP67
			Limiting temperature	-40°C ...+130°C

Forward coding, Crimp terminal
order crimp contacts separately



Contacts	Designation	Order No.
12	MR23-012-BK26-OD2.7	181 012 300 2001
17	MR23-017-BK26-OD2.7	181 017 300 2001
12	MR23-012-BK26-OD3.2	181 012 300 3001
17	MR23-017-BK26-OD3.2	181 017 300 3001
12	MR23-012-BK28-OD3.2	181 012 300 2003
17	MR23-017-BK28-OD3.2	181 017 300 2004

Reverse coding, Crimp terminal
order crimp contacts separately



Contacts	Designation	Order No.
12	MR23-012R-BK26-OD2.7	181 012 300 2002
17	MR23-017R-BK26-OD2.7	181 017 300 2002
12	MR23-012R-BK26-OD3.2	181 012 300 3002
17	MR23-017R-BK26-OD3.2	181 017 300 2003
12	MR23-012R-BK28-OD3.2	181 012 300 2004
17	MR23-017R-BK28-OD3.2	181 017 300 2005

Crimp contacts

Crimp contacts 9A

9A



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

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

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.

