

M17 SERIES



M17 Circular connector

630V- 20A

Technical characteristics

Specifications			
Specifications	DIN EN 60 664		
	DIN EN 61 984		
Approvals			
Electrical data		Mechanical date	
Number of contacts	4(3+PE)	Housing material	copper alloy,zinc alloy
Rated current	20A	Housing surface	Nickel-plated
mm²/ AWG	(0.35-2.5 mm² / AWG 22-14)	Contact resistance	≤ 5 mΩ
Rated voltage	630V	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

Remark: SPQ is 5pcs

Male, Crimp terminal

order crimp contacts separately



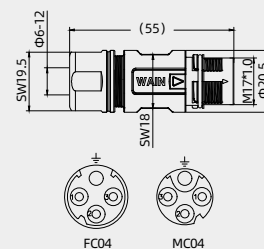
Contacts	Cable outlet	Designation	Order No.
4(3+PE)	3.5-6mm	M17-MC04-CCT-D6-SH	165 004 799 2500
	6-9.5mm	M17-MC04-CCT-D9.5-SH	165 004 710 2500
	9-12mm	M17-MC04-CCT-D12-SH	165 004 710 2501

Female, Crimp terminal

order crimp contacts separately



Contacts	Cable outlet	Designation	Order No.
4(3+PE)	3.5-6mm	M17-FC04-CCT-D6-SH	165 004 720 2512
	6-9.5mm	M17-FC04-CCT-D9.5-SH	165 004 720 2500
	9-12mm	M17-FC04-CCT-D12-SH	165 004 720 2501



Crimp contacts

Crimp contacts 20A

20A



Remark: SPQ is 100pcs

Wire gauge(mm ²)	Male	Order No.
0.35-2.5	M17-MC20G-2.5	101 020 210 1002
Wire gauge(mm ²)	Female	Order No.
0.35-2.5	M17-FC20G-2.5	101 020 220 1002

Tools

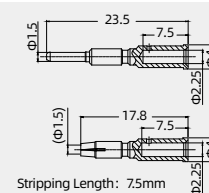
Crimping tool



Remark: SPQ is 1pc

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.



M17

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630V- 20A

Technical characteristics

Specifications			
Specifications	DIN EN 60 664		
	DIN EN 61 984		
Approvals			
Electrical data		Mechanical date	
Number of contacts	4(3+PE)	Housing material	copper alloy,zinc alloy
Rated current	20A	Housing surface	Nickel-plated
mm²/ AWG	(0.35-2.5 mm² / AWG 22-14)	Contact resistance	≤ 5 mΩ
Rated voltage	630V	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

Remark: SPQ is 5pcs

Male, Crimp terminal

order crimp contacts separately



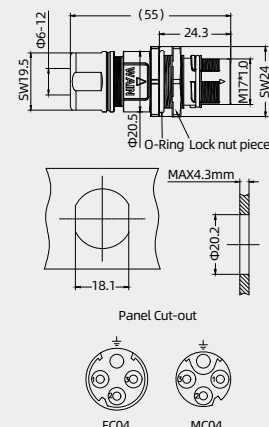
Contacts	Cable outlet	Designation	Order No.
4(3+PE)	3.5-6mm	M17-MC04-CCT/R-D6-SH	165 004 710 2510
	6-9.5mm	M17-MC04-CCT/R-D9.5-SH	165 004 710 0500
	9-12mm	M17-MC04-CCT/R-D12-SH	165 004 710 2502

Female, Crimp terminal

order crimp contacts separately



Contacts	Cable outlet	Designation	Order No.
4(3+PE)	3.5-6mm	M17-FC04-CCT/R-D6-SH	165 004 720 2506
	6-9.5mm	M17-FC04-CCT/R-D9.5-SH	165 004 720 2502
	9-12mm	M17-FC04-CCT/R-D12-SH	165 004 720 2503

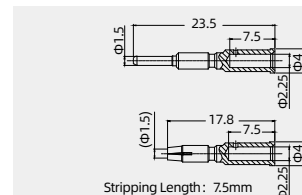


Crimp contacts

Remark: SPQ is 100pcs

Crimp contacts 20A

Wire gauge(mm ²)	Male	Order No.
0.35-2.5	M17-MC20G-2.5	101 020 210 1002
Wire gauge(mm ²)	Female	Order No.
0.35-2.5	M17-FC20G-2.5	101 020 220 1002



Tools

Crimping tool



Remark: SPQ is 1pc

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.

M17 Circular connector

630V- 20A

Technical characteristics



Specifications			
Specifications	DIN EN 60 664		
	DIN EN 61 984		
Approvals			
Electrical data		Mechanical date	
Number of contacts	4(3+PE)	Housing material	copper alloy,zinc alloy
Rated current	20A	Housing surface	Nickel-plated
mm²/ AWG	(0.35-2.5 mm² / AWG 22-14)	Contact resistance	≤ 5 mΩ
Rated voltage	630V	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

Remark: SPQ is 5pcs

Male, Crimp terminal

order crimp contacts separately



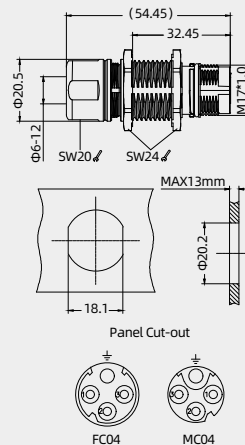
Contacts	Cable outlet	Designation	Order No.
4(3+PE)	3.5-6mm	M17-MC04-CCT/RA-D6-SH	165 004 710 2509
	6-9.5mm	M17-MC04-CCT/RA-D9.5-SH	165 004 710 2503
	9-12mm	M17-MC04-CCT/RA-D12-SH	165 004 710 2504

Female, Crimp terminal

order crimp contacts separately



Contacts	Cable outlet	Designation	Order No.
4(3+PE)	3.5-6mm	M17-FC04-CCT/RA-D6-SH	165 004 720 2514
	6-9.5mm	M17-FC04-CCT/RA-D9.5-SH	165 004 720 2504
	9-12mm	M17-FC04-CCT/RA-D12-SH	165 004 720 2505



Crimp contacts

Crimp contacts 20A

20A



Remark: SPQ is 100pcs

Wire gauge(mm ²)	Male	Order No.
0.35-2.5	M17-MC20G-2.5	101 020 210 1002
Wire gauge(mm ²)	Female	Order No.
0.35-2.5	M17-FC20G-2.5	101 020 220 1002

Tools

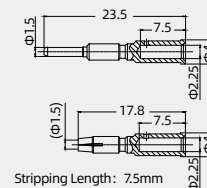
Crimping tool



Remark: SPQ is 1pc

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

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M17

M17 Circular connector

630V- 14A

Technical characteristics

Specifications			
Specifications	DIN EN 60 664		
	DIN EN 61 984		
Approvals			
Electrical data		Mechanical date	
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 /AWG 32-16)	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

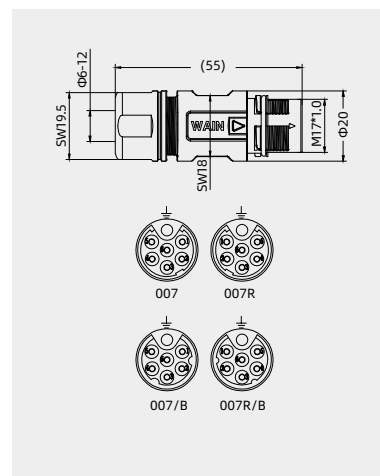
Remark: SPQ is 5pcs

Crimp terminal

order crimp contacts separately



Contacts	Cable outlet	Designation	Order No.
7(6+PE)	3.5-6mm	M17-007-CCT-D6-SH	165 007 700 2523
	6-9.5mm	M17-007-CCT-D9.5-SH	165 007 700 2503
	9-12mm	M17-007-CCT-D12-SH	165 007 700 2504
	3.5-6mm	M17-007R-CCT-D6-SH	165 007 700 2524
	6-9.5mm	M17-007R-CCT-D9.5-SH	165 007 700 2505
	9-12mm	M17-007R-CCT-D12-SH	165 007 700 2506
	3.5-6mm	M17-007/B-CCT-D6-SH	165 007 700 2525
	6-9.5mm	M17-007/B-CCT-D9.5-SH	165 007 400 2010
	9-12mm	M17-007/B-CCT-D12-SH	165 007 400 2011
	3.5-6mm	M17-007R/B-CCT-D6-SH	165 007 700 2526
	6-9.5mm	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

Remark: SPQ is 100pcs

Crimp contacts



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	0.5-1.5	M23-MC9G-1.5	101 031 210 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	0.5-1.5	M23-FC9G-1.5	101 031 220 0901

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
③	1.75	-	16.7	4.9mm

Tools

Crimping tool



Remark: SPQ is 1pc

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

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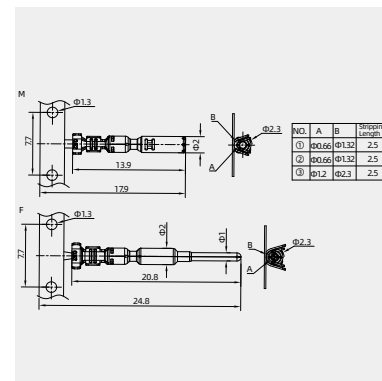
Accessories

Stamped contacts

Stamped contacts

Remark: SPQ is 3000pcs

NO.	Wire gauge(mm ²)	Male	Order No.
①	0.08-0.2	M23-MC9G-0.2P	101 031 210 0150
②	0.2-0.52	M23-MC9G-0.52P	101 031 210 0550
③	0.75-1.0	M23-MC9G-1.0P	101 031 210 0850
NO.	Wire gauge(mm ²)	Female	Order No.
①	0.08-0.2	M23-FC9G-0.2P	101 031 220 0150
②	0.2-0.52	M23-FC9G-0.52P	101 031 220 0550
③	0.75-1.0	M23-FC9G-1.0P	101 031 220 0850



coil stock



Note: 10kpcs/volume

M17 Circular connector

630V- 14A

Technical characteristics

Specifications			
Specifications	DIN EN 60 664		
	DIN EN 61 984		
Approvals			
Electrical data		Mechanical date	
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 /AWG 32-16)	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

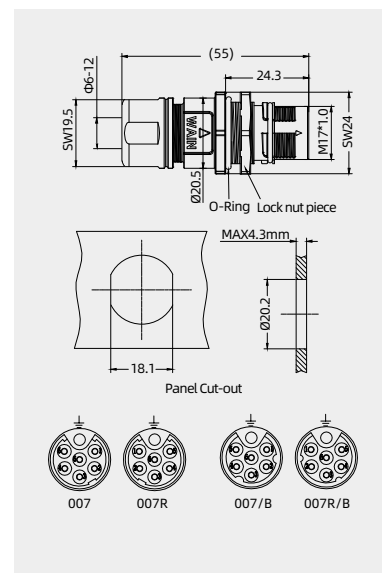
Remark: SPQ is 5pcs

Crimp terminal

order crimp contacts separately



Contacts	Cable outlet	Designation	Order No.
7(6+PE)	3.5-6mm	M17-007-CCT/R-D6-SH	165 007 700 2527
	6-9.5mm	M17-007-CCT/R-D9.5-SH	165 007 700 2500
	9-12mm	M17-007-CCT/R-D12-SH	165 007 700 2502
	3.5-6mm	M17-007R-CCT/R-D6-SH	165 007 700 2528
	6-9.5mm	M17-007R-CCT/R-D9.5-SH	165 007 700 2509
	9-12mm	M17-007R-CCT/R-D12-SH	165 007 700 2510
	3.5-6mm	M17-007/B-CCT/R-D6-SH	165 007 700 2529
	6-9.5mm	M17-007/B-CCT/R-D9.5-SH	165 007 700 2511
	9-12mm	M17-007/B-CCT/R-D12-SH	165 007 700 2512
	3.5-6mm	M17-007R/B-CCT/R-D6-SH	165 007 700 2530
	6-9.5mm	M17-007R/B-CCT/R-D9.5-SH	165 007 700 2513
	9-12mm	M17-007R/B-CCT/R-D12-SH	165 007 700 2514



Crimp contacts

Crimp contacts

Remark: SPQ is 100pcs

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	0.5-1.5	M23-MC9G-1.5	101 031 210 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	0.5-1.5	M23-FC9G-1.5	101 031 220 0901

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
③	1.75	-	16.7	4.9mm

Tools

Crimping tool



Remark: SPQ is 1pc

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.

M17 Circular connector

630V- 14A

Technical characteristics

Specifications			
Specifications	DIN EN 60 664		
	DIN EN 61 984		
Approvals			
Electrical data		Mechanical date	
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 /AWG 32-16)	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

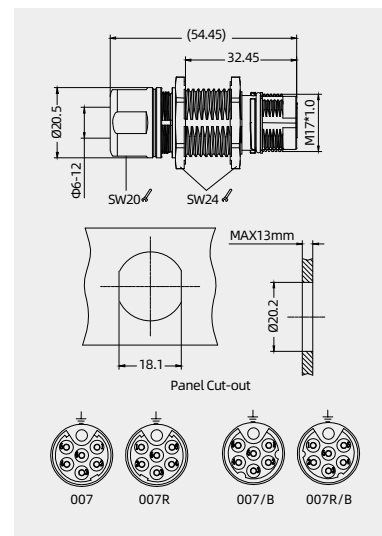
Remark: SPQ is 5pcs

Crimp terminal

order crimp contacts separately



Contacts	Cable outlet	Designation	Order No.
7(6+PE)	3.5-6mm	M17-007-CCT/RA-D6-SH	165 007 700 2531
	6-9.5mm	M17-007-CCT/RA-D9.5-SH	165 007 700 2515
	9-12mm	M17-007-CCT/RA-D12-SH	165 007 700 2516
	3.5-6mm	M17-007R-CCT/RA-D6-SH	165 007 700 2532
	6-9.5mm	M17-007R-CCT/RA-D9.5-SH	165 007 700 2517
	9-12mm	M17-007R-CCT/RA-D12-SH	165 007 700 2518
	3.5-6mm	M17-007/B-CCT/RA-D6-SH	165 007 700 2533
	6-9.5mm	M17-007/B-CCT/RA-D9.5-SH	165 007 700 2519
	9-12mm	M17-007/B-CCT/RA-D12-SH	165 007 700 2520
	3.5-6mm	M17-007R/B-CCT/RA-D6-SH	165 007 700 2534
	6-9.5mm	M17-007R/B-CCT/RA-D9.5-SH	165 007 700 2521
	9-12mm	M17-007R/B-CCT/RA-D12-SH	165 007 700 2522



Crimp contacts

Remark: SPQ is 100pcs

Crimp contacts



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	0.5-1.5	M23-MC9G-1.5	101 031 210 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	0.5-1.5	M23-FC9G-1.5	101 031 220 0901

Remark: SPQ is 1pc

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
③	1.75	-	16.7	4.9mm

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

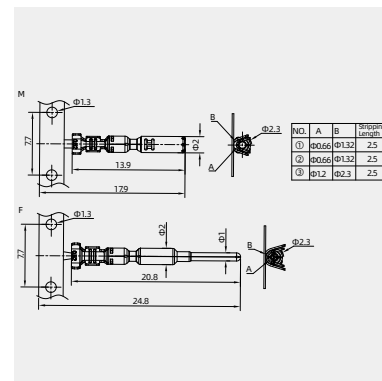
Accessories

Stamped contacts

Stamped contacts

Remark: SPQ is 3000pcs

NO.	Wire gauge(mm ²)	Male	Order No.
①	0.08-0.2	M23-MC9G-0.2P	101 031 210 0150
②	0.2-0.52	M23-MC9G-0.52P	101 031 210 0550
③	0.75-1.0	M23-MC9G-1.0P	101 031 210 0850
NO.	Wire gauge(mm ²)	Female	Order No.
①	0.08-0.2	M23-FC9G-0.2P	101 031 220 0150
②	0.2-0.52	M23-FC9G-0.52P	101 031 220 0550
③	0.75-1.0	M23-FC9G-1.0P	101 031 220 0850



coil stock



Note: 10kpcs/volume

M17 Circular connector

630/63V - 14/3.6A

Technical characteristics

Specifications				
Specifications	DIN EN 60 664			
	DIN EN 61 984			
Approvals				
Electrical data			Mechanical date	
Number of contacts	5	3+PE	Housing material	copper alloy,zinc alloy
Rated current	3.6A	14A	Housing surface	Nickel-plated
mm²/ AWG	0.14-0.5/26-20	0.03-1.5/32-16	Contact resistance	≤ 5 mΩ
Rated voltage	63V	630V	Insulating bodies	PBT
Rated impulse voltage	1.5kV	6kV	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
			Temperature range	-40°C ...+130°C

Remark: SPQ is 5pcs

Male, Crimp terminal

order crimp contacts separately



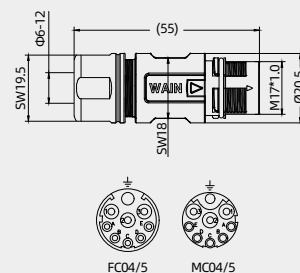
Contacts	Cable outlet	Designation	Order No.
9(5+4(3+PE))	3.5-6mm	M17-MC04/5-CCT-D6-SH	165 009 710 2508
	6-9.5mm	M17-MC04/5-CCT-D9.5-SH	165 009 710 2500
	9-12mm	M17-MC04/5-CCT-D12-SH	165 009 710 2501

Female, Crimp terminal

order crimp contacts separately



Contacts	Cable outlet	Designation	Order No.
9(5+4(3+PE))	3.5-6mm	M17-FC04/5-CCT-D6-SH	165 009 720 2508
	6-9.5mm	M17-FC04/5-CCT-D9.5-SH	165 009 720 2500
	9-12mm	M17-FC04/5-CCT-D12-SH	165 009 720 2501



Crimp contacts

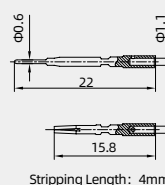
Remark: SPQ is 100pcs

Crimp contacts 3.6A

3.6A(signal)



NO.	Wire gauge(mm ²)	Male	Order No.
①	0.14-0.5	M17-MC3.6G-0.5	101 039 210 0401
NO.	Wire gauge(mm ²)	Female	Order No.
①	0.14-0.5	M17-FC3.6G-0.5	101 039 220 0401



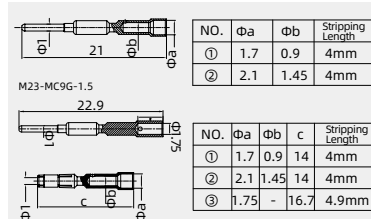
Crimp contacts

power



Remark: SPQ is 100pcs

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	0.5-1.5	M23-MC9G-1.5	101 031 210 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	0.5-1.5	M23-FC9G-1.5	101 031 220 0901



Tools

Remark: SPQ is 1pc

Crimping tool



Wire gauge	Designation	Order No.
0.09-0.82 mm ²	TL03	198 001 001 0002

Tools

Remark: SPQ is 1pc

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.

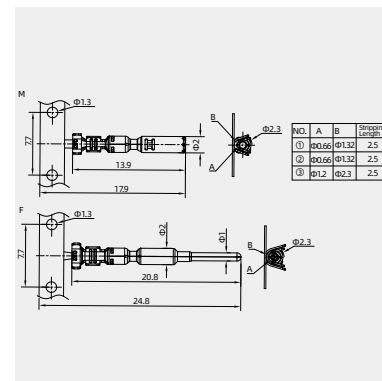
Accessories

Stamped contacts

Stamped contacts

Remark: SPQ is 3000pcs

NO.	Wire gauge(mm ²)	Male	Order No.
①	0.08-0.2	M23-MC9G-0.2P	101 031 210 0150
②	0.2-0.52	M23-MC9G-0.52P	101 031 210 0550
③	0.75-1.0	M23-MC9G-1.0P	101 031 210 0850
NO.	Wire gauge(mm ²)	Female	Order No.
①	0.08-0.2	M23-FC9G-0.2P	101 031 220 0150
②	0.2-0.52	M23-FC9G-0.52P	101 031 220 0550
③	0.75-1.0	M23-FC9G-1.0P	101 031 220 0850



coil stock



Note: 10kpcs/volume

M17 Circular connector

630/63V - 14/3.6A

Technical characteristics

Specifications				
Specifications	DIN EN 60 664			
	DIN EN 61 984			
Approvals				
Electrical data			Mechanical date	
Number of contacts	5	3+PE	Housing material	copper alloy,zinc alloy
Rated current	3.6A	14A	Housing surface	Nickel-plated
mm²/ AWG	0.14-0.5/26-20	0.03-1.5/32-16	Contact resistance	≤ 5 mΩ
Rated voltage	63V	630V	Insulating bodies	PBT
Rated impulse voltage	1.5kV	6kV	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
			Temperature range	-40°C ...+130°C

Remark: SPQ is 5pcs

Male, Crimp terminal

order crimp contacts separately



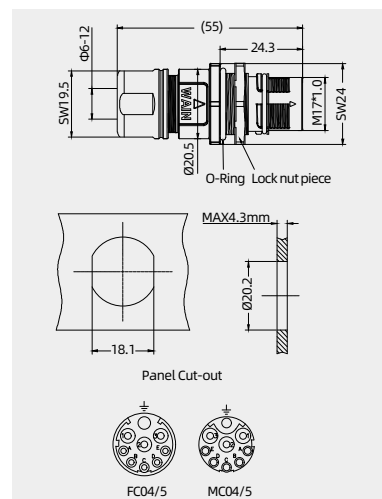
Contacts	Cable outlet	Designation	Order No.
9(5+4(3+PE))	3.5-6mm	M17-MC04/5-CCT/R-D6-SH	165 009 710 2509
	6-9.5mm	M17-MC04/5-CCT/R-D9.5-SH	165 009 710 2502
	9-12mm	M17-MC04/5-CCT/R-D12-SH	165 009 710 2503

Female, Crimp terminal

order crimp contacts separately



Contacts	Cable outlet	Designation	Order No.
9(5+4(3+PE))	3.5-6mm	M17-FC04/5-CCT/R-D6-SH	165 009 720 2509
	6-9.5mm	M17-FC04/5-CCT/R-D9.5-SH	165 009 720 2502
	9-12mm	M17-FC04/5-CCT/R-D12-SH	165 009 720 2503



Crimp contacts

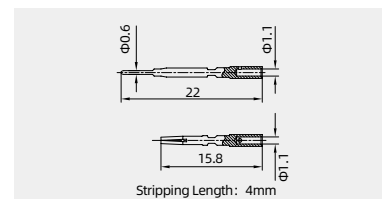
Crimp contacts 3.6A

3.6A(signal)



Remark: SPQ is 100pcs

NO.	Wire gauge(mm ²)	Male	Order No.
①	0.14-0.5	M17-MC3.6G-0.5	101 039 210 0401
NO.	Wire gauge(mm ²)	Female	Order No.
①	0.14-0.5	M17-FC3.6G-0.5	101 039 220 0401



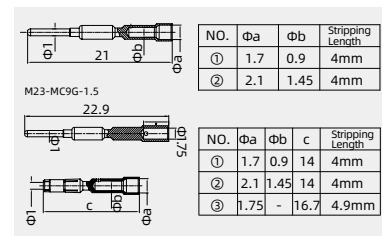
Crimp contacts

power



Remark: SPQ is 100pcs

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	0.5-1.5	M23-MC9G-1.5	101 031 210 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	0.5-1.5	M23-FC9G-1.5	101 031 220 0901



Tools

Remark: SPQ is 1pc

Crimping tool



Wire gauge	Designation	Order No.
0.09-0.82 mm ²	TL03	198 001 001 0002

Tools

Remark: SPQ is 1pc

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.

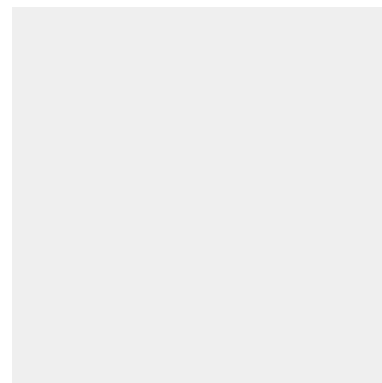
Accessories

Stamped contacts

Stamped contacts

Remark: SPQ is 3000pcs

NO.	Wire gauge(mm ²)	Male	Order No.
①	0.08-0.2	M23-MC9G-0.2P	101 031 210 0150
②	0.2-0.52	M23-MC9G-0.52P	101 031 210 0550
③	0.75-1.0	M23-MC9G-1.0P	101 031 210 0850
NO.	Wire gauge(mm ²)	Female	Order No.
①	0.08-0.2	M23-FC9G-0.2P	101 031 220 0150
②	0.2-0.52	M23-FC9G-0.52P	101 031 220 0550
③	0.75-1.0	M23-FC9G-1.0P	101 031 220 0850



coil stock



Note: 10kpcs/volume

M17 Circular connector

630/63V - 14/0.6A

Technical characteristics

Specifications				
Specifications	DIN EN 60 664			
	DIN EN 61 984			
Approvals				
Electrical data			Mechanical date	
Number of contacts	5	3+PE	Housing material	copper alloy,zinc alloy
Rated current	3.6	14A	Housing surface	Nickel-plated
mm²/ AWG	0.14-0.5/26-20	0.03-1.5/32-16	Contact resistance	≤ 5 mΩ
Rated voltage	63V	630V	Insulating bodies	PBT
Rated impulse voltage	1.5kV	6kV	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
			Temperature range	-40°C ...+130°C

Remark: SPQ is 5pcs

Male, Crimp terminal

order crimp contacts separately



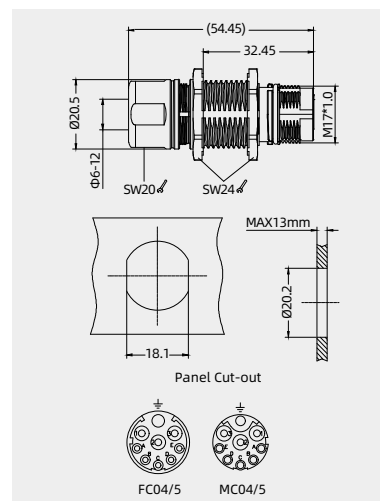
Contacts	Cable outlet	Designation	Order No.
9(5+4(3+PE))	3.5-6mm	M17-MC04/5-CCT/RA-D6-SH	165 009 710 2510
	6-9.5mm	M17-MC04/5-CCT/RA-D9.5-SH	165 009 710 2504
	9-12mm	M17-MC04/5-CCT/RA-D12-SH	165 009 710 2505

Female, Crimp terminal

order crimp contacts separately



Contacts	Cable outlet	Designation	Order No.
9(5+4(3+PE))	3.5-6mm	M17-FC04/5-CCT/RA-D6-SH	165 009 720 2510
	6-9.5mm	M17-FC04/5-CCT/RA-D9.5-SH	165 009 720 2504
	9-12mm	M17-FC04/5-CCT/RA-D12-SH	165 009 720 2505



Crimp contacts

Crimp contacts 3.6A

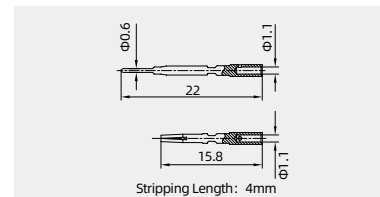
3.6A



Remark: SPQ is 100pcs

NO.	Wire gauge(mm ²)	Male	Order No.
①	0.14-0.5	M17-MC3.6G-0.5	101 039 210 0401

NO.	Wire gauge(mm ²)	Female	Order No.
①	0.14-0.5	M17-FC3.6G-0.5	101 039 220 0401



Crimp contacts

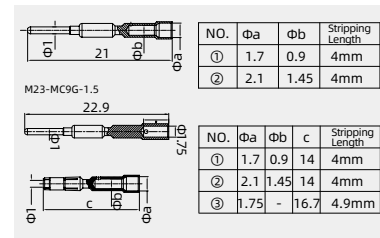
power



Remark: SPQ is 100pcs

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	0.5-1.5	M23-MC9G-1.5	101 031 210 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	0.5-1.5	M23-FC9G-1.5	101 031 220 0901



Tools

Remark: SPQ is 1pc

Crimping tool



Wire gauge	Designation	Order No.
0.09-0.82 mm ²	TL03	198 001 001 0002

Tools

Remark: SPQ is 1pc

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.

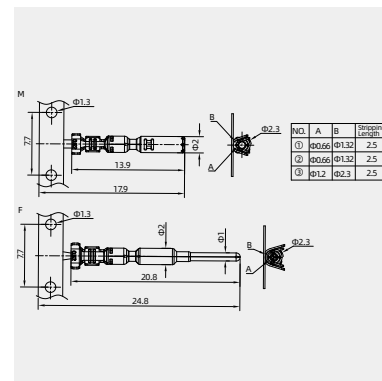
Accessories

Stamped contacts

Stamped contacts

Remark: SPQ is 3000pcs

NO.	Wire gauge(mm ²)	Male	Order No.
①	0.08-0.2	M23-MC9G-0.2P	101 031 210 0150
②	0.2-0.52	M23-MC9G-0.52P	101 031 210 0550
③	0.75-1.0	M23-MC9G-1.0P	101 031 210 0850
NO.	Wire gauge(mm ²)	Female	Order No.
①	0.08-0.2	M23-FC9G-0.2P	101 031 220 0150
②	0.2-0.52	M23-FC9G-0.52P	101 031 220 0550
③	0.75-1.0	M23-FC9G-1.0P	101 031 220 0850



coil stock



Note: 10kpcs/volume

M17 Circular connector

48V- 7.5A

Technical characteristics

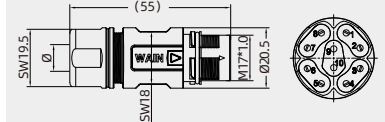
Specifications			
Specifications	DIN EN 60 664		
	DIN EN 61 984		
Approvals			
Electrical data		Mechanical date	
Number of contacts	10	Housing material	copper alloy,zinc alloy
Rated current	7.5A	Housing surface	Nickel-plated
mm² / AWG	(0.09-0.82mm² / AWG 28-18)	Contact resistance	≤ 10 mΩ
Rated voltage	48 V	Insulating bodies	PBT
Rated impulse voltage	1.5kV	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

Remark: SPQ is 5pcs

Crimp terminal

order crimp contacts separately

Contacts	Cable outlet	Designation	Order No.
10	3.5-6mm	M17-MC010-CCT-D6-SH	165 010 710 2509
	6-9.5mm	M17-MC010-CCT-D9.5-SH	165 010 710 2500
	9-12mm	M17-MC010-CCT-D12-SH	165 010 710 2501



Accessories

Remark: SPQ is 100pcs

Crimp contacts 5A

gold plated



Wire gauge(mm ²)	Male	Order No.
0.09-0.25	CSGM-0.25	101 014 210 0101
0.13-0.33	CSGM-0.33	101 014 210 0201
0.33-0.52	CSGM-0.52	101 014 210 0501
0.33-0.82	CSGM-0.82	101 014 210 0701



Tools

Crimping tool



Remark: SPQ is 1pc

Wire gauge	Designation	Order No.
0.09-0.82mm ²	TL03	198 001 001 0002

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

M17 Circular connector

48V- 7.5A

Technical characteristics

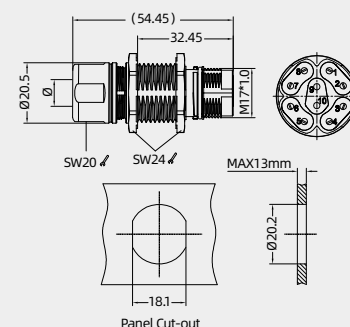
Specifications			
Specifications	DIN EN 60 664		
	DIN EN 61 984		
Approvals			
Electrical data		Mechanical data	
Number of contacts	10	Housing material	copper alloy,zinc alloy
Rated current	7.5A	Housing surface	Nickel-plated
mm²/ AWG	(0.09-0.82mm² /AWG 28-18)	Contact resistance	≤ 10 mΩ
Rated voltage	48 V	Insulating bodies	PBT
Rated impulse voltage	1.5kV	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

Remark: SPQ is 100pcs

Crimp terminal

order crimp contacts separately

Contacts	Cable outlet	Designation	Order No.
10	3-6mm	M17-MC010-CCT/RA-D6-SH	165 010 710 2511
	6-9.5mm	M17-MC010-CCT/RA-D9.5-SH	165 010 710 2506
	9-12mm	M17-MC010-CCT/RA-D12-SH	165 010 710 2507



Accessories

Crimp contacts 5A

gold plated

Remark: SPQ is 100pcs

Wire gauge(mm ²)	Male	Order No.
0.09-0.25	CSGM-0.25	101 014 210 0101
0.13-0.33	CSGM-0.33	101 014 210 0201
0.33-0.52	CSGM-0.52	101 014 210 0501
0.33-0.82	CSGM-0.82	101 014 210 0701

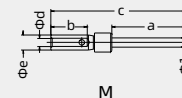


Tools

Crimping tool

Remark: SPQ is 1pc

Wire gauge	Designation	Order No.
0.09-0.82mm ²	TL03	198 001 001 0002



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

M17 Circular connector

32V- 7A

Technical characteristics

Specifications			
Specifications	DIN EN 60 664		
	DIN EN 61 984		
Approvals			
Electrical data		Mechanical date	
Number of contacts	12	Housing material	copper alloy,zinc alloy
Rated current	7A	Housing surface	Nickel-plated
mm²/ AWG	(0.03-1.0mm² /AWG32-18)	Contact resistance	≤ 5 mΩ
Rated voltage	32 V	Insulating bodies	PBT
Rated impulse voltage	1.5kV	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

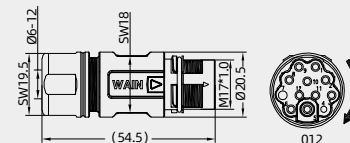
Remark: SPQ is 100pcs

Crimp terminal

order crimp contacts separately



Contacts	Cable outlet	Designation	Order No.
12	3-6mm	M17-012-CCT-D6-SH	165 012 700 2506
	6-9.5mm	M17-012-CCT-D9.5-SH	165 012 700 2501
	9-12mm	M17-012-CCT-D12-SH	165 012 700 2503



Crimp contacts

Crimp contacts

Remark: SPQ is 100pcs

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

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

Tools

Crimping tool



Remark: SPQ is 1pc

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.

Accessories

Stamped contacts

Stamped contacts

Remark: SPQ is 3000pcs

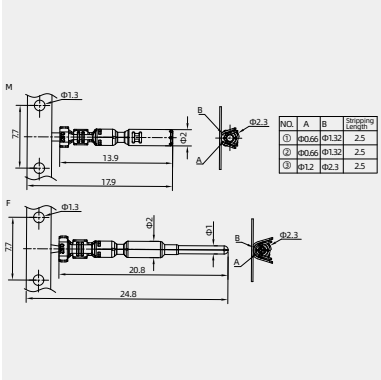
NO.	Wire gauge(mm ²)	Male	Order No.
①	0.08-0.2	M23-MC9G-0.2P	101 031 210 0150
②	0.2-0.52	M23-MC9G-0.52P	101 031 210 0550
③	0.75-1.0	M23-MC9G-1.0P	101 031 210 0850
NO.	Wire gauge(mm ²)	Female	Order No.
①	0.08-0.2	M23-FC9G-0.2P	101 031 220 0150
②	0.2-0.52	M23-FC9G-0.52P	101 031 220 0550
③	0.75-1.0	M23-FC9G-1.0P	101 031 220 0850



coil stock



Note: 10kpcs/volume



M17 Circular connector

32V- 7A

Technical characteristics

Specifications			
Specifications	DIN EN 60 664		
	DIN EN 61 984		
Approvals			
Electrical data		Mechanical date	
Number of contacts	12	Housing material	copper alloy,zinc alloy
Rated current	7A	Housing surface	Nickel-plated
mm ² / AWG	(0.03-1.0mm ² /AWG32-18)	Contact resistance	≤ 5 mΩ
Rated voltage	32 V	Insulating bodies	PBT
Rated impulse voltage	1.5kV	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

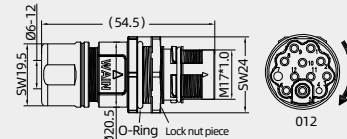
Remark: SPQ is 5pcs

Crimp terminal

order crimp contacts separately



Contacts	Cable outlet	Designation	Order No.
12	3-6mm	M17-012-CCT/R-D6-SH	165 000 799 2500
	6-9.5mm	M17-012-CCT/R-D9.5-SH	165 012 700 2500
	9-12mm	M17-012-CCT/R-D12-SH	165 012 400 2500



Crimp contacts

Remark: SPQ is 100pcs

Crimp contacts



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

Remark: SPQ is 1pc

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

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.

Accessories

Stamped contacts

Stamped contacts

Remark: SPQ is 3000pcs

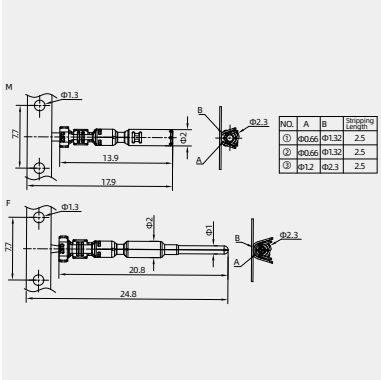
NO.	Wire gauge(mm ²)	Male	Order No.
①	0.08-0.2	M23-MC9G-0.2P	101 031 210 0150
②	0.2-0.52	M23-MC9G-0.52P	101 031 210 0550
③	0.75-1.0	M23-MC9G-1.0P	101 031 210 0850
NO.	Wire gauge(mm ²)	Female	Order No.
①	0.08-0.2	M23-FC9G-0.2P	101 031 220 0150
②	0.2-0.52	M23-FC9G-0.52P	101 031 220 0550
③	0.75-1.0	M23-FC9G-1.0P	101 031 220 0850



coil stock



Note: 10kpcs/volume



M17 Circular connector

32V- 7A

Technical characteristics

Specifications			
Specifications	DIN EN 60 664		
	DIN EN 61 984		
Approvals			
Electrical data		Mechanical date	
Number of contacts	12	Housing material	copper alloy,zinc alloy
Rated current	7A	Housing surface	Nickel-plated
mm²/ AWG	(0.03-1.0mm² /AWG32-18)	Contact resistance	≤ 5 mΩ
Rated voltage	32 V	Insulating bodies	PBT
Rated impulse voltage	1.5kV	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

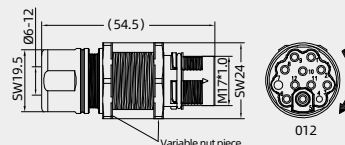
Remark: SPQ is 5pcs

Crimp terminal

order crimp contacts separately



Contacts	Cable outlet	Designation	Order No.
12	3-6mm	M17-012-CCT/RA-D6-SH	165 012 700 2505
	6-9.5mm	M17-012-CCT/RA-D9.5-SH	165 012 400 2501
	9-12mm	M17-012-CCT/RA-D12-SH	165 012 400 2502



Crimp contacts

Crimp contacts



Remark: SPQ is 100pcs

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

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

Tools

Crimping tool



Remark: SPQ is 1pc

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.

Accessories

Stamped contacts

Stamped contacts

Remark: SPQ is 3000pcs

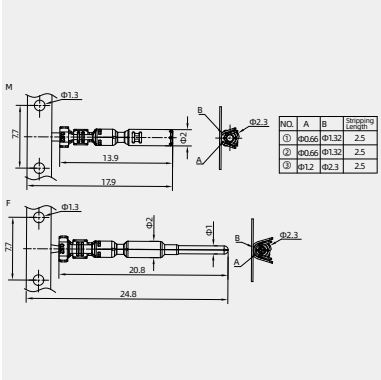
NO.	Wire gauge(mm ²)	Male	Order No.
①	0.08-0.2	M23-MC9G-0.2P	101 031 210 0150
②	0.2-0.52	M23-MC9G-0.52P	101 031 210 0550
③	0.75-1.0	M23-MC9G-1.0P	101 031 210 0850
NO.	Wire gauge(mm ²)	Female	Order No.
①	0.08-0.2	M23-FC9G-0.2P	101 031 220 0150
②	0.2-0.52	M23-FC9G-0.52P	101 031 220 0550
③	0.75-1.0	M23-FC9G-1.0P	101 031 220 0850



coil stock



Note: 10kpcs/volume



M17 Circular connector

63V- 3.6A

Technical characteristics

Specifications			
Specifications	DIN EN 60 664		
	DIN EN 61 984		
Approvals			
Electrical data		Mechanical date	
Number of contacts	17	Housing material	copper alloy,zinc alloy
Rated current	3.6A	Housing surface	Nickel-plated
mm²/ AWG	(0.14-0.5 mm² / AWG 26-20)	Contact resistance	≤ 5 mΩ
Rated voltage	63 V	Insulating bodies	PBT
Rated impulse voltage	1.5kV	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

Remark: SPQ is 5pcs

Male, Crimp terminal

order crimp contacts separately



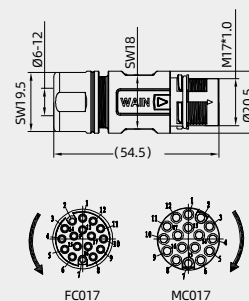
Contacts	Cable outlet	Designation	Order No.
17	3-6mm	M17-MC017-CCT-D6-SH	165 017 710 2504
	6-9.5mm	M17-MC017-CCT-D9.5-SH	165 017 710 2502
	9-12mm	M17-MC017-CCT-D12-SH	165 017 710 2503

Female, Crimp terminal

order crimp contacts separately



Contacts	Cable outlet	Designation	Order No.
17	3-6mm	M17-FC017-CCT-D6-SH	165 017 720 2500
	6-9.5mm	M17-FC017-CCT-D9.5-SH	165 017 420 2502
	9-12mm	M17-FC017-CCT-D12-SH	165 017 420 2503



Crimp contacts

Crimp contacts 3.6A

3.6A



Remark: SPQ is 100pcs

NO.	Wire gauge(mm ²)	Male	Order No.
①	0.14-0.5	M17-MC3.6G-0.5	101 039 210 0401
NO.	Wire gauge(mm ²)	Female	Order No.
①	0.14-0.5	M17-FC3.6G-0.5	101 039 220 0401

Tools

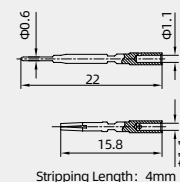
Crimping tool



Remark: SPQ is 1pc

Wire gauge	Designation	Order No.
0.09-0.82 mm ²	TL03	198 001 001 0002

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



M17

M17 Circular connector

63V- 3.6A

Technical characteristics

Specifications			
Specifications	DIN EN 60 664		
	DIN EN 61 984		
Approvals			
Electrical data		Mechanical data	
Number of contacts	17	Housing material	copper alloy,zinc alloy
Rated current	3.6A	Housing surface	Nickel-plated
mm²/ AWG	(0.14-0.5 mm² / AWG 26-20)	Contact resistance	≤ 5 mΩ
Rated voltage	63 V	Insulating bodies	PBT
Rated impulse voltage	1.5kV	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

Remark: SPQ is 5pcs

Male, Crimp terminal

order crimp contacts separately



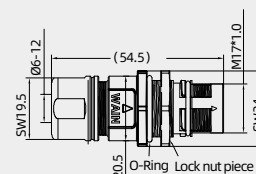
Contacts	Cable outlet	Designation	Order No.
17	3-6mm	M17-MC017-CCT/R-D6-SH	165 017 710 2505
	6-9.5mm	M17-MC017-CCT/R-D9.5-SH	165 017 410 2501
	9-12mm	M17-MC017-CCT/R-D12-SH	165 017 410 2502

Female, Crimp terminal

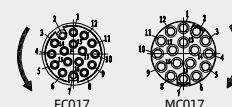
order crimp contacts separately



Contacts	Cable outlet	Designation	Order No.
17	3-6mm	M17-FC017-CCT/R-D6-SH	165 017 720 2501
	6-9.5mm	M17-FC017-CCT/R-D9.5-SH	165 017 420 2504
	9-12mm	M17-FC017-CCT/R-D12-SH	165 017 420 2505



Panel cut out



Crimp contacts

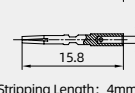
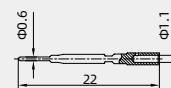
Crimp contacts 3.6A

3.6A



Remark: SPQ is 100pcs

NO.	Wire gauge(mm ²)	Male	Order No.
①	0.14-0.5	M17-MC3.6G-0.5	101 039 210 0401
NO.	Wire gauge(mm ²)	Female	Order No.
①	0.14-0.5	M17-FC3.6G-0.5	101 039 220 0401



Tools

Crimping tool



Remark: SPQ is 1pc

Wire gauge	Designation	Order No.
0.09-0.82 mm ²	TL03	198 001 001 0002

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

M17 Circular connector

63V- 3.6A

Technical characteristics

Specifications			
Specifications	DIN EN 60 664		
	DIN EN 61 984		
Approvals			
Electrical data		Mechanical data	
Number of contacts	17	Housing material	copper alloy,zinc alloy
Rated current	3.6A	Housing surface	Nickel-plated
mm ² / AWG	(0.14-0.5 mm ² / AWG 26-20)	Contact resistance	≤ 5 mΩ
Rated voltage	63 V	Insulating bodies	PBT
Rated impulse voltage	1.5kV	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

Remark: SPQ is 5pcs

Male, Crimp terminal

order crimp contacts separately



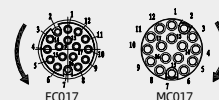
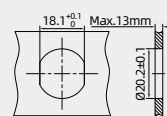
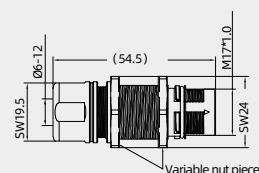
Contacts	Cable outlet	Designation	Order No.
17	3-6mm	M17-MC017-CCT/RA-D6-SH	165 017 410 2507
	6-9.5mm	M17-MC017-CCT/RA-D9.5-SH	165 017 410 2503
	9-12mm	M17-MC017-CCT/RA-D12-SH	165 017 410 2504

Female, Crimp terminal

order crimp contacts separately



Contacts	Cable outlet	Designation	Order No.
17	3-6mm	M17-FC017-CCT/RA-D6-SH	165 017 420 2510
	6-9.5mm	M17-FC017-CCT/RA-D9.5-SH	165 017 420 2506
	9-12mm	M17-FC017-CCT/RA-D12-SH	165 017 420 2507



Crimp contacts

Crimp contacts 3.6A

3.6A



Remark: SPQ is 100pcs

NO.	Wire gauge(mm ²)	Male	Order No.
①	0.14-0.5	M17-MC3.6G-0.5	101 039 210 0401
NO.	Wire gauge(mm ²)	Female	Order No.
①	0.14-0.5	M17-FC3.6G-0.5	101 039 220 0401

Tools

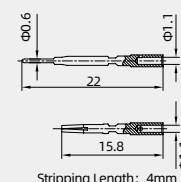
Crimping tool



Remark: SPQ is 1pc

Wire gauge	Designation	Order No.
0.09-0.82 mm ²	TL03	198 001 001 0002

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



M17

M17 Circular connector

630V- 20A

Technical characteristics

Specifications			
Specifications	DIN EN 60 664		
	DIN EN 61 984		
Approvals			
Electrical data		Mechanical data	
Number of contacts	4(3+PE)	Housing material	copper alloy,zinc alloy
Rated current	20A	Housing surface	Nickel-plated
mm ² / AWG	(0.35-2.5 mm ² / AWG 22-14)	Contact resistance	≤ 5 mΩ
Rated voltage	630V	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

Remark: SPQ is 5pcs

Male, Crimp terminal

order crimp contacts separately



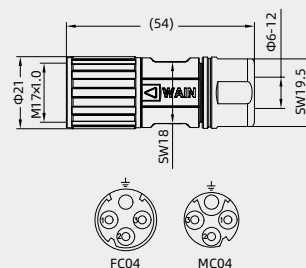
Contacts	Cable outlet	Designation	Order No.
4(3+PE)	3-6mm	M17-MC04-T-D6-SH	165 004 420 2502
	6-9mm	M17-MC04-T-D9.5-SH	165 004 410 2500
	9-12mm	M17-MC04-T-D12-SH	165 004 410 2501

Female, Crimp terminal

order crimp contacts separately



Contacts	Cable outlet	Designation	Order No.
4(3+PE)	3-6mm	M17-FC04-T-D6-SH	165 004 420 2508
	6-9mm	M17-FC04-T-D9.5-SH	165 004 420 2500
	9-12mm	M17-FC04-T-D12-SH	165 004 420 2001



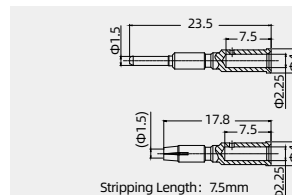
Crimp contacts

Crimp contacts 20A

20A

Remark: SPQ is 1000pcs

Wire gauge(mm ²)	Male	Order No.
0.35-2.5	M17-MC20G-2.5	101 020 210 1002
Wire gauge(mm ²)	Female	Order No.
0.35-2.5	M17-FC20G-2.5	101 020 220 1002



Tools

Crimping tool



Remark: SPQ is 1pc

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.

M17 Circular connector

630V- 20A

Technical characteristics



Specifications

Specifications	DIN EN 60 664
	DIN EN 61 984

Approvals

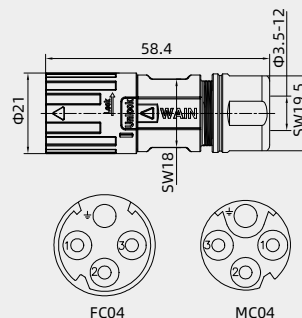
Electrical data		Mechanical data	
Number of contacts	4(3+PE)	Housing material	copper alloy,zinc alloy
Rated current	20A	Housing surface	Nickel-plated
mm ² / AWG	(0.35-2.5 mm ² / AWG 22-14)	Contact resistance	≤ 5 mΩ
Rated voltage	630V	Insulating bodies	PBT
Rated impulse voltage	6kV	Contact material	copper 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

Male, Quick-in, Crimp terminal
order crimp contacts separately

Contacts	Cable outlet	Designation	Order No.
4(3+PE)	3-6mm	M17Q-MC04-T-D6-SH	165 004 410 2508
	6-9mm	M17Q-MC04-T-D9.5-SH	165 004 410 2507
	9-12mm	M17Q-MC04-T-D12-SH	165 004 410 2505

Female, Quick-in, Crimp terminal
order crimp contacts separately

Contacts	Cable outlet	Designation	Order No.
4(3+PE)	3-6mm	M17Q-FC04-T-D6-SH	165 004 420 2507
	6-9mm	M17Q-FC04-T-D9.5-SH	165 004 420 2503
	9-12mm	M17Q-FC04-T-D12-SH	165 004 420 2505



Crimp contacts

Crimp contacts 20A

20A



Remark: SPQ is 1000pcs

Wire gauge(mm ²)	Male	Order No.
0.35-2.5	M17-MC20G-2.5	101 020 210 1002

Wire gauge(mm ²)	Female	Order No.
0.35-2.5	M17-FC20G-2.5	101 020 220 1002

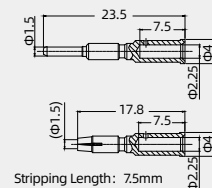
Tools

Crimping tool



Remark: SPQ is 1pc

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.

M17 Circular connector

630V- 14A

Technical characteristics

Specifications			
Specifications	DIN EN 60 664		
	DIN EN 61 984		
Approvals			
Electrical data		Mechanical date	
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

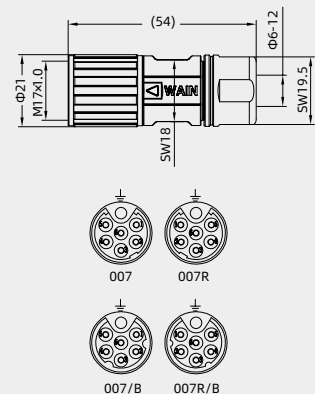
Remark: SPQ is 5pcs

Crimp terminal

order crimp contacts separately



Contacts	Cable outlet	Designation	Order No.
7	3-6mm	M17-007-T-D6-SH	165 007 400 2514
	6-9mm	M17-007-T-D9.5-SH	165 007 400 2007
	9-12mm	M17-007-T-D12-SH	165 007 400 2008
	3-6mm	M17-007R-T-D6-SH	165 007 400 2515
	6-9mm	M17-007R-T-D9.5-SH	165 007 400 2009
	9-12mm	M17-007R-T-D12-SH	165 007 400 2002
	3-6mm	M17-007/B-T-D6-SH	165 007 400 2516
	6-9mm	M17-007/B-T-D9.5-SH	165 007 400 2005
	9-12mm	M17-007/B-T-D12-SH	165 007 400 2006
	3-6mm	M17-007R/B-T-D6-SH	165 007 400 2517
	6-9mm	M17-007R/B-T-D9.5-SH	165 007 400 2001
	9-12mm	M17-007R/B-T-D12-SH	165 007 400 2004



Crimp contacts

Crimp contacts

Remark: SPQ is 1000pcs

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	0.5-1.5	M23-MC9G-1.5	101 031 210 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	0.5-1.5	M23-FC9G-1.5	101 031 220 0901

Remark: SPQ is 1pc

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
③	1.75	-	16.7	4.9mm

Tools

Crimping tool



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

Accessories

Stamped contacts

Stamped contacts



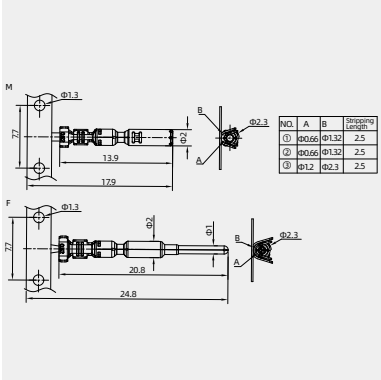
coil stock



Note: 10kpcs/volume

Remark: SPQ is 3000pcs

NO.	Wire gauge(mm ²)	Male	Order No.
①	0.08-0.2	M23-MC9G-0.2P	101 031 210 0150
②	0.2-0.52	M23-MC9G-0.52P	101 031 210 0550
③	0.75-1.0	M23-MC9G-1.0P	101 031 210 0850
NO.	Wire gauge(mm ²)	Female	Order No.
①	0.08-0.2	M23-FC9G-0.2P	101 031 220 0150
②	0.2-0.52	M23-FC9G-0.52P	101 031 220 0550
③	0.75-1.0	M23-FC9G-1.0P	101 031 220 0850



M17 Circular connector

630V- 14A

Technical characteristics



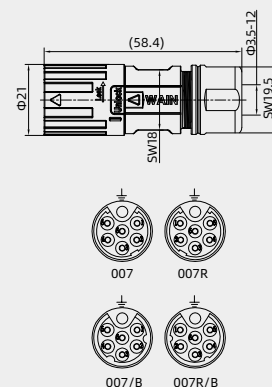
Specifications			
Specifications	DIN EN 60 664		
	DIN EN 61 984		
Approvals			
Electrical data		Mechanical data	
Number of contacts	7(6+PE)	Housing material	copper alloy,zinc alloy
Rated current	14A	Housing surface	Nickel-plated
mm²/ AWG	(0.03-1.5mm² /AWG32-16)	Contact resistance	≤ 5 mΩ
Rated voltage	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

Quick-in, Crimp terminal

order crimp contacts separately



Contacts	Cable outlet	Designation	Order No.
7(6+PE)	3.5-6mm	M17Q-007-T-D6-SH	165 007 400 2510
	6-9.5mm	M17Q-007-T-D9.5-SH	165 007 400 2504
	9-12mm	M17Q-007-T-D12-SH	165 007 400 2505
	3.5-6mm	M17Q-007R-T-D6-SH	165 007 400 2511
	6-9.5mm	M17Q-007R-T-D9.5-SH	165 007 400 2508
	9-12mm	M17Q-007R-T-D12-SH	165 007 400 1500
	3.5-6mm	M17Q-007/B-T-D6-SH	165 007 400 2512
	6-9.5mm	M17Q-007/B-T-D9.5-SH	165 007 400 2509
	9-12mm	M17Q-007/B-T-D12-SH	165 007 400 2506
	3.5-6mm	M17Q-007R/B-T-D6-SH	165 007 400 2513
	6-9.5mm	M17Q-007R/B-T-D9.5-SH	165 007 400 2503
	9-12mm	M17Q-007R/B-T-D12-SH	165 007 400 2500



Crimp contacts

Remark: SPQ is 100pcs

Crimp contacts



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	0.5-1.5	M23-MC9G-1.5	101 031 210 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	0.5-1.5	M23-FC9G-1.5	101 031 220 0901

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
③	1.75	-	16.7	4.9mm

Tools

Crimping tool



Remark: SPQ is 1pc

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.

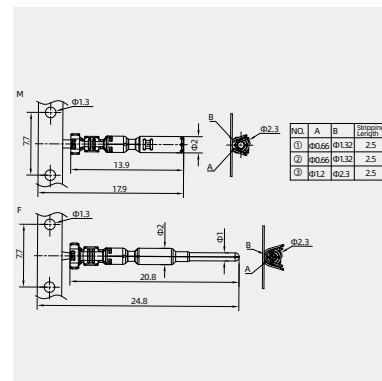
Accessories

Stamped contacts

Stamped contacts

Remark: SPQ is 3000pcs

NO.	Wire gauge(mm ²)	Male	Order No.
①	0.08-0.2	M23-MC9G-0.2P	101 031 210 0150
②	0.2-0.52	M23-MC9G-0.52P	101 031 210 0550
③	0.75-1.0	M23-MC9G-1.0P	101 031 210 0850
NO.	Wire gauge(mm ²)	Female	Order No.
①	0.08-0.2	M23-FC9G-0.2P	101 031 220 0150
②	0.2-0.52	M23-FC9G-0.52P	101 031 220 0550
③	0.75-1.0	M23-FC9G-1.0P	101 031 220 0850



coil stock



Note: 10kpcs/volume

M17 Circular connector

630/63V - 14/0.6A

Technical characteristics

Specifications				
Specifications	DIN EN 60 664			
	DIN EN 61 984			
Approvals				
Electrical data			Mechanical date	
Number of contacts	5	3+PE	Housing material	copper alloy,zinc alloy
Rated current	3.6	14A	Housing surface	Nickel-plated
mm²/ AWG	0.14-0.5/26-20	0.03-1.5/32-16	Contact resistance	≤ 5 mΩ
Rated voltage	63V	630V	Insulating bodies	PBT
Rated impulse voltage	1.5kV	6kV	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
			Temperature range	-40°C ...+130°C

Remark: SPQ is 5pcs

Male, Crimp terminal

order crimp contacts separately



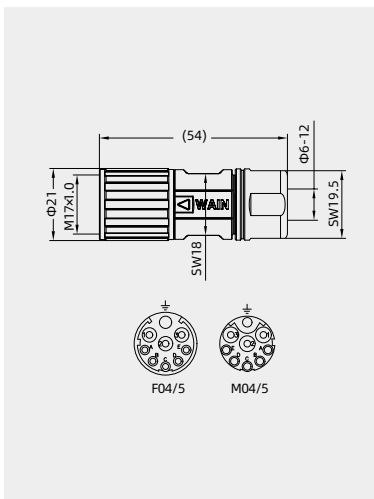
Contacts	Cable outlet	Designation	Order No.
9(5+4(3+PE))	3-6mm	M17-MC04/5-T-D6-SH	165 009 410 2507
	6-9mm	M17-MC04/5-T-D9.5-SH	165 009 410 2500
	9-12mm	M17-MC04/5-T-D12-SH	165 009 410 2501

Female, Crimp terminal

order crimp contacts separately



Contacts	Cable outlet	Designation	Order No.
9(5+4(3+PE))	3-6mm	M17-FC04/5-T-D6-SH	165 009 420 2507
	6-9mm	M17-FC04/5-T-D9.5-SH	165 009 420 2502
	9-12mm	M17-FC04/5-T-D12-SH	165 009 420 2500



Crimp contacts

Crimp contacts 3.6A

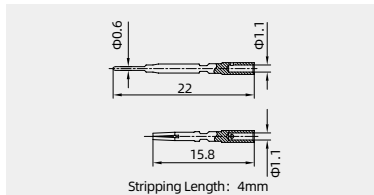
3.6A(signal)



Remark: SPQ is 100pcs

NO.	Wire gauge(mm ²)	Male	Order No.
①	0.14-0.5	M17-MC3.6G-0.5	101 039 210 0401

NO.	Wire gauge(mm ²)	Female	Order No.
①	0.14-0.5	M17-FC3.6G-0.5	101 039 220 0401



Crimp contacts

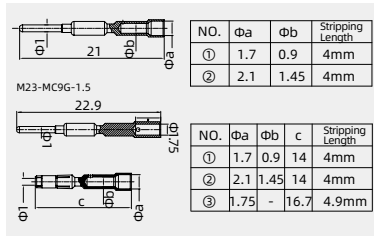
power



Remark: SPQ is 100pcs

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	0.5-1.5	M23-MC9G-1.5	101 031 210 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	0.5-1.5	M23-FC9G-1.5	101 031 220 0901



Tools

Remark: SPQ is 1pc

Crimping tool



Wire gauge	Designation	Order No.
0.09-0.82 mm ²	TL03	198 001 001 0002

Tools

Remark: SPQ is 1pc

Crimping tool



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

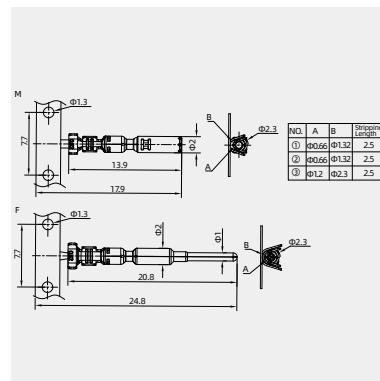
Notes: The tools for crimp terminal may influence the product quality and stability. Please select the tools recognized by our company.

Stamped contacts

Remark: SPQ is 3000pcs



NO.	Wire gauge(mm ²)	Female	Order No.
①	0.08-0.2	M23-FC9G-0.2P	101 031 220 0150
②	0.2-0.52	M23-FC9G-0.52P	101 031 220 0550
③	0.75-1.0	M23-FC9G-1.0P	101 031 220 0850



M17 Circular connector

630/63V - 14/0.6A

Technical characteristics



Specifications				
Specifications	DIN EN 60 664			
	DIN EN 61 984			
Approvals				
Electrical data			Mechanical date	
Number of contacts	5	3+PE	Housing material	copper alloy,zinc alloy
Rated current	3.6	14A	Housing surface	Nickel-plated
mm²/ AWG	0.14-0.5/26-20	0.03-1.5/32-16	Contact resistance	≤ 5 mΩ
Rated voltage	63V	630V	Insulating bodies	PBT
Rated impulse voltage	1.5kV	6kV	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
			Temperature range	-40°C ...+130°C

Remark: SPQ is 5pcs

Male, Quick-in, Crimp terminal
order crimp contacts separately

Contacts	Cable outlet	Designation	Order No.
9(5+4(3+PE))	3-6mm	M17Q-MC04/5-T-D6-SH	165 009 410 2505
	6-9mm	M17Q-MC04/5-T-D9.5-SH	165 009 410 2506
	9-12mm	M17Q-MC04/5-T-D12-SH	165 009 410 2504

Female, Quick-in, Crimp terminal
order crimp contacts separately

Contacts	Cable outlet	Designation	Order No.
9(5+4(3+PE))	3-6mm	M17Q-FC04/5-T-D6-SH	165 009 420 2505
	6-9mm	M17Q-FC04/5-T-D9.5-SH	165 009 420 2506
	9-12mm	M17Q-FC04/5-T-D12-SH	165 009 420 2504

Crimp contacts

Crimp contacts 3.6A

3.6A(signal)



Remark: SPQ is 100pcs

NO.	Wire gauge(mm ²)	Male	Order No.
①	0.14-0.5	M17-MC3.6G-0.5	101 039 210 0401

NO.	Wire gauge(mm ²)	Female	Order No.
①	0.14-0.5	M17-FC3.6G-0.5	101 039 220 0401

Crimp contacts

power



Remark: SPQ is 100pcs

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	0.5-1.5	M23-MC9G-1.5	101 031 210 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	0.5-1.5	M23-FC9G-1.5	101 031 220 0901

Tools

Remark: SPQ is 1pc

Crimping tool



Wire gauge	Designation	Order No.
0.09-0.82 mm ²	TL03	198 001 001 0002

Tools

Remark: SPQ is 1pc

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.

Accessories

Stamped contacts

Stamped contacts

Remark: SPQ is 3000pcs

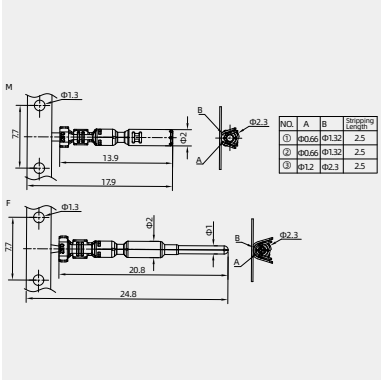
NO.	Wire gauge(mm ²)	Male	Order No.
①	0.08-0.2	M23-MC9G-0.2P	101 031 210 0150
②	0.2-0.52	M23-MC9G-0.52P	101 031 210 0550
③	0.75-1.0	M23-MC9G-1.0P	101 031 210 0850
NO.	Wire gauge(mm ²)	Female	Order No.
①	0.08-0.2	M23-FC9G-0.2P	101 031 220 0150
②	0.2-0.52	M23-FC9G-0.52P	101 031 220 0550
③	0.75-1.0	M23-FC9G-1.0P	101 031 220 0850



coil stock



Note: 10kpcs/volume



M17 Circular connector

48V- 7.5A

Technical characteristics

Specifications			
Specifications	DIN EN 60 664		
	DIN EN 61 984		
Approvals			
Electrical data		Mechanical data	
Number of contacts	10	Housing material	copper alloy,zinc alloy
Rated current	7.5A	Housing surface	Nickel-plated
mm²/ AWG	(0.09-0.82mm² /AWG 28-18)	Contact resistance	≤ 10 mΩ
Rated voltage	48 V	Insulating bodies	PBT
Rated impulse voltage	1.5kV	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

Remark: SPQ is 5pcs

Crimp terminal

order crimp contacts separately



Contacts	Cable outlet	Designation	Order No.
10	3-6mm	M17-FC010-T-D6-SH	165 010 420 2508
	6-9.5mm	M17-FC010-T-D9.5-SH	165 010 420 2001
	9-12mm	M17-FC010-T-D12-SH	165 010 420 2500

Quick-in, Crimp terminal

order crimp contacts separately



Contacts	Cable outlet	Designation	Order No.
10	3-6mm	M17Q-FC010-T-D6-SH	165 010 420 2507
	6-9.5mm	M17Q-FC010-T-D9.5-SH	165 010 420 2502
	9-12mm	M17Q-FC010-T-D12-SH	165 010 420 2503

Accessories

Remark: SPQ is 100pcs

Crimp contacts 5A

gold plated



Wire gauge(mm ²)	Female	Order No.
0.09-0.25	CSGF-0.25	101 014 220 0101
0.13-0.33	CSGF-0.33	101 014 220 0201
0.33-0.52	CSGF-0.52	101 014 220 0501
0.33-0.82	CSGF-0.82	101 014 220 0701

Tools

Crimping tool



Remark: SPQ is 1pc

Wire gauge	Designation	Order No.
0.09-0.82mm ²	TL03	198 001 001 0002

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

Accessories

Stamped contacts

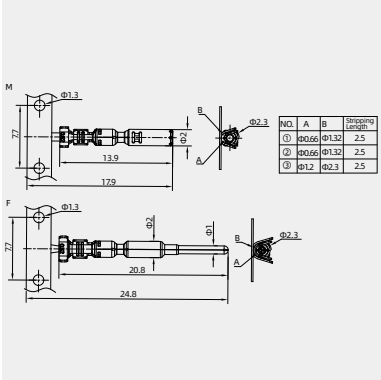
Stamped contacts

Remark: SPQ is 3000pcs

NO.	Wire gauge(mm ²)	Male	Order No.
①	0.08-0.2	M23-MC9G-0.2P	101 031 210 0150
②	0.2-0.52	M23-MC9G-0.52P	101 031 210 0550
③	0.75-1.0	M23-MC9G-1.0P	101 031 210 0850
NO.	Wire gauge(mm ²)	Female	Order No.
①	0.08-0.2	M23-FC9G-0.2P	101 031 220 0150
②	0.2-0.52	M23-FC9G-0.52P	101 031 220 0550
③	0.75-1.0	M23-FC9G-1.0P	101 031 220 0850

coil stock

Note: 10kpcs/volume



M17 Circular connector

63V- 3.6A

Technical characteristics

Specifications			
Specifications	DIN EN 60 664		
	DIN EN 61 984		
Approvals			
Electrical data		Mechanical data	
Number of contacts	17	Housing material	copper alloy,zinc alloy
Rated current	3.6A	Housing surface	Nickel-plated
mm ² / AWG	(0.14-0.5 mm ² / AWG 26-20)	Contact resistance	≤ 5 mΩ
Rated voltage	63 V	Insulating bodies	PBT
Rated impulse voltage	1.5kV	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

Remark: SPQ is 5pcs

Male, Crimp terminal

order crimp contacts separately



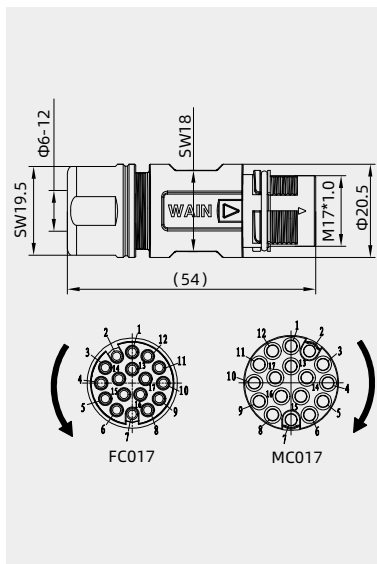
Contacts	Cable outlet	Designation	Order No.
17	3.5-6mm	M17-MC017-T-D6-SH	165 000 410 2500
	6-9.5mm	M17-MC017-T-D9.5-SH	165 017 410 2001
	9-12mm	M17-MC017-T-D12-SH	165 017 410 2002

Female, Crimp terminal

order crimp contacts separately



Contacts	Cable outlet	Designation	Order No.
17	3.5-6mm	M17-FC017-T-D6-SH	165 000 420 2500
	6-9.5mm	M17-FC017-T-D9.5-SH	165 017 420 2002
	9-12mm	M17-FC017-T-D12-SH	165 017 420 2001



Crimp contacts

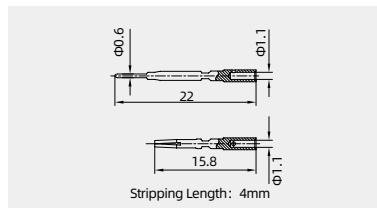
Crimp contacts 3.6A

3.6A



Remark: SPQ is 100pcs

NO.	Wire gauge(mm ²)	Male	Order No.
①	0.14-0.5	M17-MC3.6G-0.5	101 039 210 0401
NO.	Wire gauge(mm ²)	Female	Order No.
①	0.14-0.5	M17-FC3.6G-0.5	101 039 220 0401



Tools

Crimping tool



Remark: SPQ is 1pc

Wire gauge	Designation	Order No.
0.09-0.82 mm ²	TL03	198 001 001 0002

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

M17 Circular connector

63V- 3.6A

Technical characteristics



Specifications			
Specifications	DIN EN 60 664		
	DIN EN 61 984		
Approvals			
Electrical data		Mechanical data	
Number of contacts	17	Housing material	copper alloy,zinc alloy
Rated current	3.6A	Housing surface	Nickel-plated
mm²/ AWG	(0.14-0.5 mm² / AWG 26-20)	Contact resistance	≤ 5 mΩ
Rated voltage	63 V	Insulating bodies	PBT
Rated impulse voltage	1.5kV	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

Male, Quick-in, Crimp terminal
order crimp contacts separately

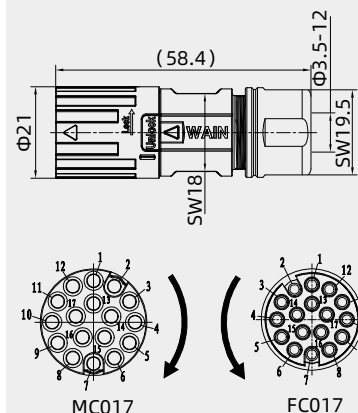


Contacts	Cable outlet	Designation	Order No.
17	3.5-6mm	M17Q-MC017-T-D6-SH	165 017 410 2506
	6-9.5mm	M17Q-MC017-T-D9.5-SH	165 017 410 2505
	9-12mm	M17Q-MC017-T-D12-SH	165 017 410 2500

Female, Quick-in, Crimp terminal
order crimp contacts separately



Contacts	Cable outlet	Designation	Order No.
17	3.5-6mm	M17Q-FC017-T-D6-SH	165 017 420 2509
	6-9.5mm	M17Q-FC017-T-D9.5-SH	165 017 420 2508
	9-12mm	M17Q-FC017-T-D12-SH	165 017 420 2501



Crimp contacts

Crimp contacts 3.6A

3.6A



Remark: SPQ is100pcs

NO.	Wire gauge(mm ²)	Male	Order No.
①	0.14-0.5	M17-MC3.6G-0.5	101 039 210 0401

NO.	Wire gauge(mm ²)	Female	Order No.
①	0.14-0.5	M17-FC3.6G-0.5	101 039 220 0401

Tools

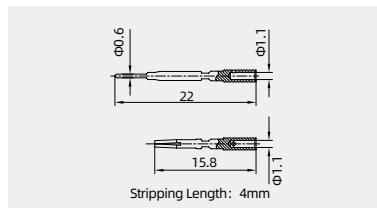
Crimping tool



Remark: SPQ is 1pc

Wire gauge	Designation	Order No.
0.09-0.82 mm ²	TL03	198 001 001 0002

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



M17 Circular connector

630V- 20A

Technical characteristics

Specifications			
Specifications	DIN EN 60 664		
	DIN EN 61 984		
Approvals			
Electrical data		Mechanical data	
Number of contacts	4(3+PE)	Housing material	copper alloy,zinc alloy
Rated current	20A	Housing surface	Nickel-plated
mm ² / AWG	(0.35-2.5 mm ² / AWG 22-14)	Contact resistance	≤ 5 mΩ
Rated voltage	630V	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

Remark: SPQ is 1pc

Male, Crimp terminal

order crimp contacts separately



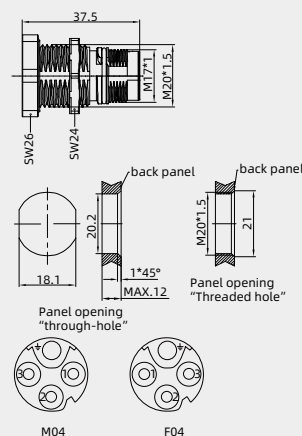
Contacts	Designation	Order No.
4(3+PE)	M17-MC04-BKR-M20	165 004 310 1500

Female, Crimp terminal

order crimp contacts separately



Contacts	Designation	Order No.
4(3+PE)	M17-FC04-BKR-M20	165 004 320 1500



Crimp contacts

Crimp contacts 20A

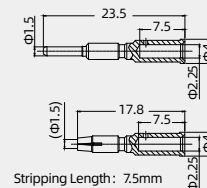
20A



Remark: SPQ is 100pcs

Wire gauge(mm ²)	Male	Order No.
0.35-2.5	M17-MC20G-2.5	101 020 210 1002

Wire gauge(mm ²)	Female	Order No.
0.35-2.5	M17-FC20G-2.5	101 020 220 1002



Tools

Crimping tool



Remark: SPQ is 1 pc

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.

M17 Circular connector

630V- 20A

Technical characteristics

Specifications			
Specifications	DIN EN 60 664		
	DIN EN 61 984		
Approvals			
Electrical data		Mechanical date	
Number of contacts	4(3+PE)	Housing material	copper alloy,zinc alloy
Rated current	20A	Housing surface	Nickel-plated
mm²/ AWG	(0.35-2.5 mm² / AWG 22-14)	Contact resistance	≤ 5 mΩ
Rated voltage	630V	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

Remark: SPQ is 1pc

Male, Crimp terminal

order crimp contacts separately



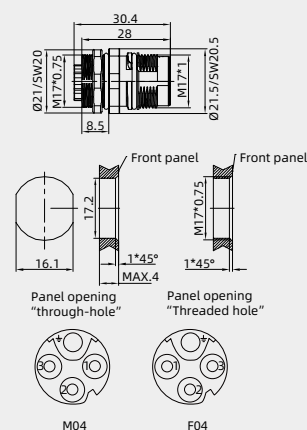
Contacts	Designation	Order No.
4(3+PE)	M17-MC04-BK-M17	165 004 310 1502

Female, Crimp terminal

order crimp contacts separately



Contacts	Designation	Order No.
4(3+PE)	M17-FC04-BK-M17	165 004 320 1502



Crimp contacts

Crimp contacts 20A

20A



Remark: SPQ is 100pcs

Wire gauge(mm ²)	Male	Order No.
0.35-2.5	M17-MC20G-2.5	101 020 210 1002
Wire gauge(mm ²)	Female	Order No.
0.35-2.5	M17-FC20G-2.5	101 020 220 1002

Tools

Crimping tool



Remark: SPQ is 1pc

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.

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
mm ² / AWG	(0.03-1.5 mm ² / AWG 32-16)	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

Remark: SPQ is 1pc

Crimp terminal

order crimp contacts separately



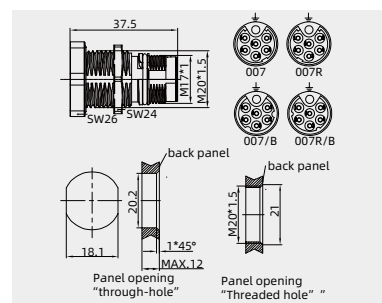
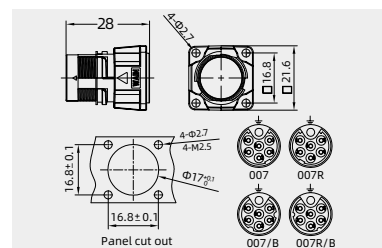
Contacts	Designation	Order No.
7	M17-007-BK21.6-OD2.7	165 007 300 4003
	M17-007R-BK21.6-OD2.7	165 007 300 4015
	M17-007/B-BK21.6-OD2.7	165 007 300 4016
	M17-007R/B-BK21.6-OD2.7	165 007 300 4017

Crimp terminal

order crimp contacts separately



Contacts	Designation	Order No.
7	M17-007-BKR-M20	165 007 310 1500
	M17-007R-BKR-M20	165 007 320 1500
	M17-007/B-BKR-M20	165 007 310 1501
	M17-007R/B-BKR-M20	165 007 320 1501



Crimp contacts

Crimp contacts



Remark: SPQ is 100pcs

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	0.5-1.5	M23-MC9G-1.5	101 031 210 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	0.5-1.5	M23-FC9G-1.5	101 031 220 0901

Tools

Crimping tool



Remark: SPQ is 1pc

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
③	1.75	-	16.7	4.9mm

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

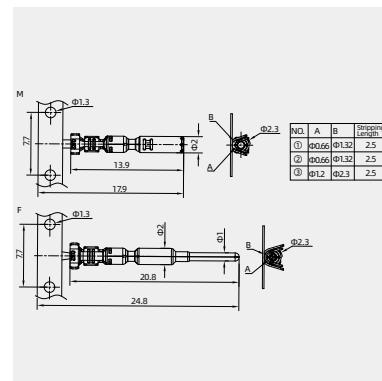
Accessories

Stamped contacts

Stamped contacts

Remark: SPQ is 3000pcs

NO.	Wire gauge(mm ²)	Male	Order No.
①	0.08-0.2	M23-MC9G-0.2P	101 031 210 0150
②	0.2-0.52	M23-MC9G-0.52P	101 031 210 0550
③	0.75-1.0	M23-MC9G-1.0P	101 031 210 0850
NO.	Wire gauge(mm ²)	Female	Order No.
①	0.08-0.2	M23-FC9G-0.2P	101 031 220 0150
②	0.2-0.52	M23-FC9G-0.52P	101 031 220 0550
③	0.75-1.0	M23-FC9G-1.0P	101 031 220 0850



coil stock



Note: 10kpcs/volume

M17 Circular connector

630V- 14A

Technical characteristics

Specifications			
Specifications	DIN EN 60 664		
	DIN EN 61 984		
Approvals			
Electrical data		Mechanical date	
Number of contacts	7(6+PE)	Housing material	copper alloy,zinc alloy
Rated current	14A	Housing surface	Nickel-plated
mm²/ AWG	(0.03-1.5 mm² / AWG 32-16)	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

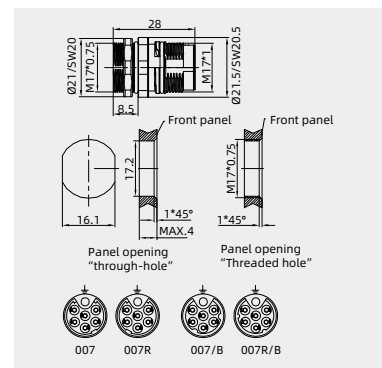
Remark: SPQ is 1pc

Crimp terminal

order crimp contacts separately



Contacts	Designation	Order No.
7	M17-007-BK-M17	165 007 300 1500
	M17-007R-BK-M17	165 007 300 1501
	M17-007/B-BK-M17	165 007 300 1502
	M17-007R/B-BK-M17	165 007 300 1503

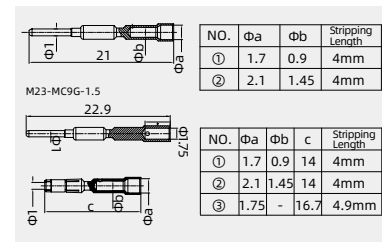


Crimp contacts

Crimp contacts

Remark: SPQ is 100pcs

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	0.5-1.5	M23-MC9G-1.5	101 031 210 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	0.5-1.5	M23-FC9G-1.5	101 031 220 0901



Tools

Crimping tool



Remark: SPQ is 1pc

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.

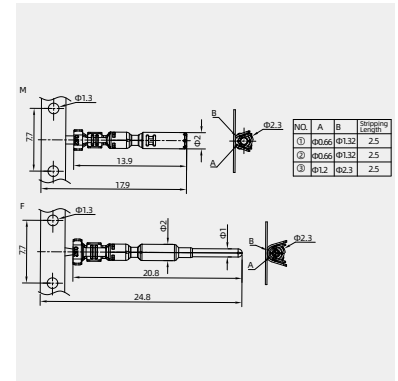
Accessories

Stamped contacts

Stamped contacts

Remark: SPQ is 3000pcs

NO.	Wire gauge(mm ²)	Male	Order No.
①	0.08-0.2	M23-MC9G-0.2P	101 031 210 0150
②	0.2-0.52	M23-MC9G-0.52P	101 031 210 0550
③	0.75-1.0	M23-MC9G-1.0P	101 031 210 0850
NO.	Wire gauge(mm ²)	Female	Order No.
①	0.08-0.2	M23-FC9G-0.2P	101 031 220 0150
②	0.2-0.52	M23-FC9G-0.52P	101 031 220 0550
③	0.75-1.0	M23-FC9G-1.0P	101 031 220 0850



coil stock



Note: 10kpcs/volume

M17 Circular connector

630/63V - 14/0.6A

Technical characteristics

Specifications				
Specifications	DIN EN 60 664			
	DIN EN 61 984			
Approvals				
Electrical data			Mechanical date	
Number of contacts	5	3+PE	Housing material	copper alloy,zinc alloy
Rated current	3.6	14A	Housing surface	Nickel-plated
mm²/ AWG	0.14-0.5/26-20	0.03-1.5/32-16	Contact resistance	≤ 5 mΩ
Rated voltage	63V	630V	Insulating bodies	PBT
Rated impulse voltage	1.5kV	6kV	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
			Temperature range	-40°C ...+130°C

Remark: SPQ is 1pc

Male, Crimp terminal

order crimp contacts separately



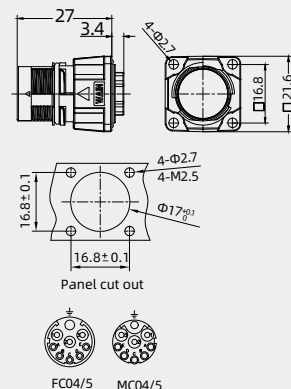
Contacts	Designation	Order No.
9(5+4(3+PE))	M17-MC04/5-BK21.6-OD2.7	165 009 310 2501

Female, Crimp terminal

order crimp contacts separately



Contacts	Designation	Order No.
9(5+4(3+PE))	M17-FC04/5-BK21.6-OD2.7	165 009 320 2500



Crimp contacts

Crimp contacts 3.6A

3.6A(signal)



Remark: SPQ is 100pcs

NO.	Wire gauge(mm ²)	Male	Order No.
①	0.14-0.5	M17-MC3.6G-0.5	101 039 210 0401

NO.	Wire gauge(mm ²)	Female	Order No.
①	0.14-0.5	M17-FC3.6G-0.5	101 039 220 0401

Crimp contacts

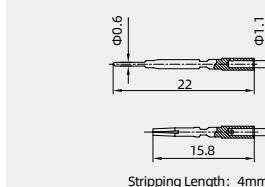
power



Remark: SPQ is 100pcs

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	0.5-1.5	M23-MC9G-1.5	101 031 210 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	0.5-1.5	M23-FC9G-1.5	101 031 220 0901



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
③	1.75	-	16.7	4.9mm

Tools

Remark: SPQ is 1pc

Crimping tool



Wire gauge	Designation	Order No.
0.09-0.82 mm ²	TL03	198 001 001 0002

Tools

Remark: SPQ is 1pc

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.

Accessories

Stamped contacts

Stamped contacts

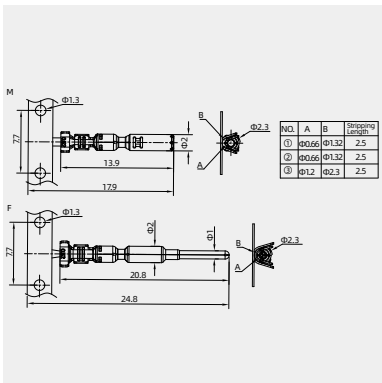
Remark: SPQ is 3000pcs

NO.	Wire gauge(mm ²)	Male	Order No.
①	0.08-0.2	M23-MC9G-0.2P	101 031 210 0150
②	0.2-0.52	M23-MC9G-0.52P	101 031 210 0550
③	0.75-1.0	M23-MC9G-1.0P	101 031 210 0850
NO.	Wire gauge(mm ²)	Female	Order No.
①	0.08-0.2	M23-FC9G-0.2P	101 031 220 0150
②	0.2-0.52	M23-FC9G-0.52P	101 031 220 0550
③	0.75-1.0	M23-FC9G-1.0P	101 031 220 0850

coil stock



Note: 10kpcs/volume



M17 Circular connector

630/63V - 14/0.6A

Technical characteristics

Specifications				
Specifications	DIN EN 60 664			
	DIN EN 61 984			
Approvals				
Electrical data			Mechanical date	
Number of contacts	5	3+PE	Housing material	copper alloy,zinc alloy
Rated current	3.6	14A	Housing surface	Nickel-plated
mm²/ AWG	0.14-0.5/26-20	0.03-1.5/32-16	Contact resistance	≤ 5 mΩ
Rated voltage	63V	630V	Insulating bodies	PBT
Rated impulse voltage	1.5kV	6kV	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
			Temperature range	-40°C ...+130°C

Remark: SPQ is 1pc

Male, Crimp terminal

order crimp contacts separately



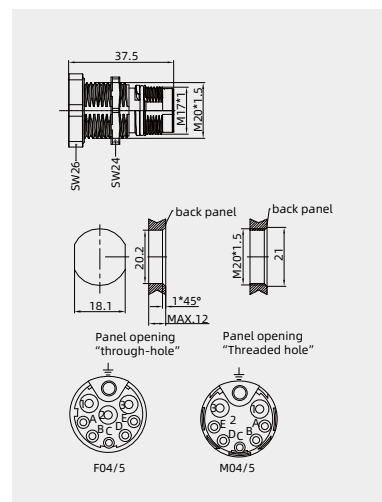
Contacts	Designation	Order No.
9(5+4(3+PE))	M17-MC04/5-BKR-M20	165 009 310 1500

Female, Crimp terminal

order crimp contacts separately



Contacts	Designation	Order No.
9(5+4(3+PE))	M17-FC04/5-BKR-M20	165 009 320 1500



Crimp contacts

Crimp contacts 3.6A

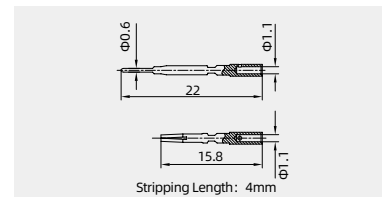
3.6A(signal)



Remark: SPQ is 100pcs

NO.	Wire gauge(mm ²)	Male	Order No.
①	0.14-0.5	M17-MC3.6G-0.5	101 039 210 0401

NO.	Wire gauge(mm ²)	Female	Order No.
①	0.14-0.5	M17-FC3.6G-0.5	101 039 220 0401



Crimp contacts

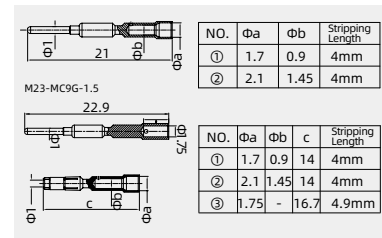
power



Remark: SPQ is 100pcs

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
③	0.5-1.5	M23-FC9G-1.5	101 031 220 0901



Tools

Remark: SPQ is 1pc

Crimping tool	Wire gauge	Designation	Order No.
	0.09-0.82 mm ²	TL03	198 001 001 0002



Tools

Remark: SPQ is 1pc

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.

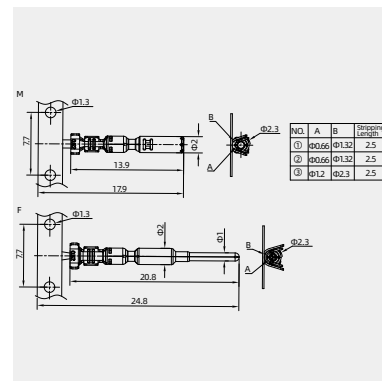
Accessories

Stamped contacts

Stamped contacts

Remark: SPQ is 3000pcs

NO.	Wire gauge(mm ²)	Male	Order No.
①	0.08-0.2	M23-MC9G-0.2P	101 031 210 0150
②	0.2-0.52	M23-MC9G-0.52P	101 031 210 0550
③	0.75-1.0	M23-MC9G-1.0P	101 031 210 0850
NO.	Wire gauge(mm ²)	Female	Order No.
①	0.08-0.2	M23-FC9G-0.2P	101 031 220 0150
②	0.2-0.52	M23-FC9G-0.52P	101 031 220 0550
③	0.75-1.0	M23-FC9G-1.0P	101 031 220 0850



coil stock



Note: 10kpcs/volume

M17 Circular connector

630/63V - 14/0.6A

Technical characteristics

Specifications				
Specifications		DIN EN 60 664 DIN EN 61 984		
Approvals				
Electrical data			Mechanical date	
Number of contacts	5	3+PE	Housing material	copper alloy,zinc alloy
Rated current	3.6	14A	Housing surface	Nickel-plated
mm²/ AWG	0.14-0.5/26-20	0.03-1.5/32-16	Contact resistance	≤ 5 mΩ
Rated voltage	63V	630V	Insulating bodies	PBT
Rated impulse voltage	1.5kV	6kV	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
			Temperature range	-40°C ...+130°C

Remark: SPQ is 1pc

Male, Crimp terminal
order crimp contacts separately

Contacts	Designation	Order No.
9(5+4(3+PE))	M17-MC04/5-BK-M17	165 009 310 1502

Female, Crimp terminal
order crimp contacts separately

Contacts	Designation	Order No.
9(5+4(3+PE))	M17-FC04/5-BK-M17	165 009 320 1502

Crimp contacts

Crimp contacts 3.6A

3.6A(signal)



Remark: SPQ is 100pcs

NO.	Wire gauge(mm ²)	Male	Order No.
①	0.14-0.5	M17-MC3.6G-0.5	101 039 210 0401
NO.	Wire gauge(mm ²)	Female	Order No.
①	0.14-0.5	M17-FC3.6G-0.5	101 039 220 0401

Crimp contacts

power



Remark: SPQ is 100pcs

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	0.5-1.5	M23-MC9G-1.5	101 031 210 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	0.5-1.5	M23-FC9G-1.5	101 031 220 0901

Tools

Remark: SPQ is 1pc

Crimping tool



Wire gauge	Designation	Order No.
0.09-0.82 mm ²	TL03	198 001 001 0002

Tools

Remark: SPQ is 1pc

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.

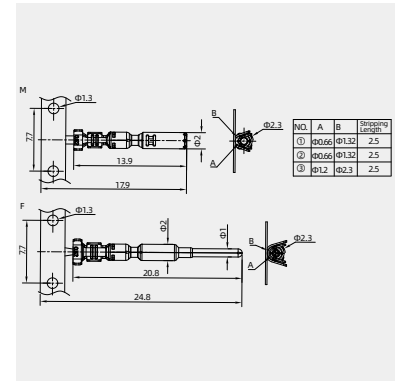
Accessories

Stamped contacts

Stamped contacts

Remark: SPQ is 3000pcs

NO.	Wire gauge(mm ²)	Male	Order No.
①	0.08-0.2	M23-MC9G-0.2P	101 031 210 0150
②	0.2-0.52	M23-MC9G-0.52P	101 031 210 0550
③	0.75-1.0	M23-MC9G-1.0P	101 031 210 0850
NO.	Wire gauge(mm ²)	Female	Order No.
①	0.08-0.2	M23-FC9G-0.2P	101 031 220 0150
②	0.2-0.52	M23-FC9G-0.52P	101 031 220 0550
③	0.75-1.0	M23-FC9G-1.0P	101 031 220 0850



coil stock



Note: 10kpcs/volume

M17 Circular connector

48V- 7.5A

Technical characteristics

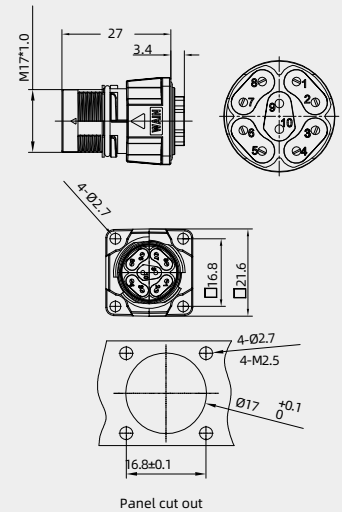
Specifications			
Specifications	DIN EN 60 664		
	DIN EN 61 984		
Approvals			
Electrical data		Mechanical date	
Number of contacts	10	Housing material	copper alloy,zinc alloy
Rated current	7.5A	Housing surface	Nickel-plated
mm² / AWG	(0.09-0.82mm² / AWG 28-18)	Contact resistance	≤ 10 mΩ
Rated voltage	48 V	Insulating bodies	PBT
Rated impulse voltage	1.5kV	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

Remark: SPQ is 1pc

Crimp terminal

order crimp contacts separately

Contacts	Designation	Order No.
10	M17-MC010-BK21.6-OD2.7	165 010 310 1500



Accessories

Crimp contacts 5A

gold plated

Remark: SPQ is 100pcs

Wire gauge(mm ²)	Male	Order No.
0.09-0.25	CSGM-0.25	101 014 210 0101
0.13-0.33	CSGM-0.33	101 014 210 0201
0.33-0.52	CSGM-0.52	101 014 210 0501
0.33-0.82	CSGM-0.82	101 014 210 0701



Tools

Crimping tool

Remark: SPQ is 1pc

Wire gauge	Designation	Order No.
0.09-0.82mm ²	TL03	198 001 001 0002



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

M17 Circular connector

32V- 7A

Technical characteristics

Specifications			
Specifications	DIN EN 60 664		
	DIN EN 61 984		
Approvals			
Electrical data		Mechanical date	
Number of contacts	12	Housing material	copper alloy,zinc alloy
Rated current	7A	Housing surface	Nickel-plated
mm²/ AWG	(0.03-1.0 mm² / AWG 32-18)	Contact resistance	≤ 5 mΩ
Rated voltage	32 V	Insulating bodies	PBT
Rated impulse voltage	1.5kV	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

Remark: SPQ is 1pc

Crimp terminal

order crimp contacts separately



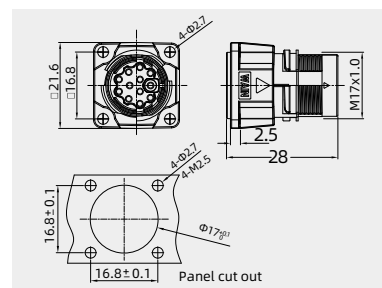
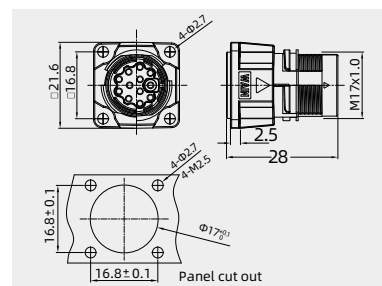
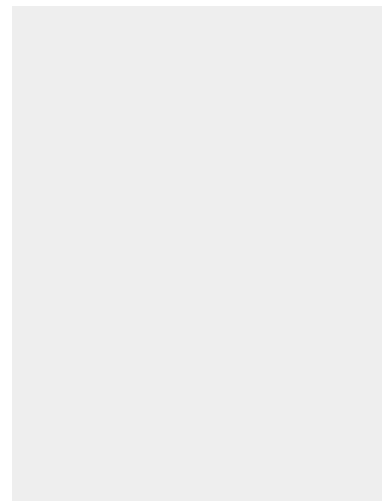
Contacts	Designation	Order No.
12	M17-012-BK21.6-OD2.7	165 012 300 4002

Crimp terminal

order crimp contacts separately



Contacts	Designation	Order No.
12	M17-012-BKR-M20	165 012 320 1500



Crimp contacts

Crimp contacts



Remark: SPQ is 100pcs

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



Remark: SPQ is 1pc

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.

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

M17

Accessories

Stamped contacts

Stamped contacts

Remark: SPQ is 3000pcs

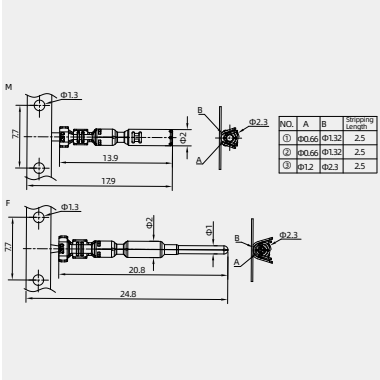
NO.	Wire gauge(mm ²)	Male	Order No.
①	0.08-0.2	M23-MC9G-0.2P	101 031 210 0150
②	0.2-0.52	M23-MC9G-0.52P	101 031 210 0550
③	0.75-1.0	M23-MC9G-1.0P	101 031 210 0850
NO.	Wire gauge(mm ²)	Female	Order No.
①	0.08-0.2	M23-FC9G-0.2P	101 031 220 0150
②	0.2-0.52	M23-FC9G-0.52P	101 031 220 0550
③	0.75-1.0	M23-FC9G-1.0P	101 031 220 0850



coil stock



Note: 10kpcs/ volume



M17 Circular connector

32V- 7A

Technical characteristics

Specifications			
Specifications	DIN EN 60 664 DIN EN 61 984		
Approvals			
Electrical data		Mechanical date	
Number of contacts	12	Housing material	copper alloy,zinc alloy
Rated current	7A	Housing surface	Nickel-plated
mm²/ AWG	(0.03-1.0 mm² / AWG 32-18)	Contact resistance	≤ 5 mΩ
Rated voltage	32 V	Insulating bodies	PBT
Rated impulse voltage	1.5kV	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

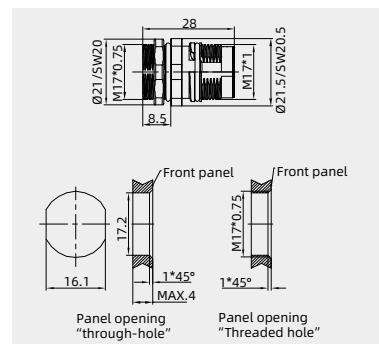
Remark: SPQ is 1pc

Crimp terminal

order crimp contacts separately



Contacts	Designation	Order No.
12	M17-012-BK-M17	165 012 300 1500



Crimp contacts

Remark: SPQ is 100pcs

Crimp contacts



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

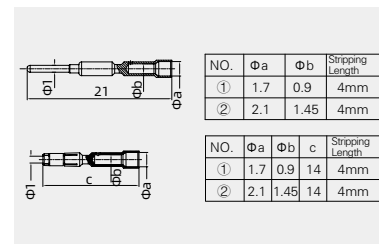
Remark: SPQ is 1pc

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.

Stamped contacts

Stamped contacts



coil stock

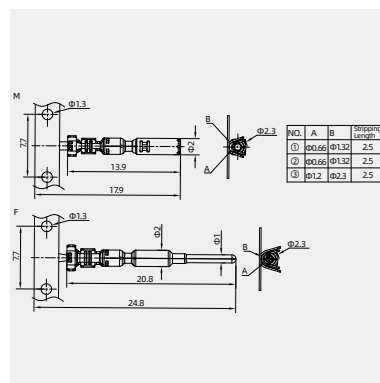


Note: 10kpcs/ volume

Remark: SPQ is 3000pcs

NO.	Wire gauge(mm ²)	Male	Order No.
①	0.08-0.2	M23-MC9G-0.2P	101 031 210 0150
②	0.2-0.52	M23-MC9G-0.52P	101 031 210 0550
③	0.75-1.0	M23-MC9G-1.0P	101 031 210 0850
NO.	Wire gauge(mm ²)	Female	Order No.
①	0.08-0.2	M23-FC9G-0.2P	101 031 220 0150
②	0.2-0.52	M23-FC9G-0.52P	101 031 220 0550
③	0.75-1.0	M23-FC9G-1.0P	101 031 220 0850

NO.	Wire gauge(mm ²)	Female	Order No.
①	0.08-0.2	M23-FC9G-0.2P	101 031 220 0150
②	0.2-0.52	M23-FC9G-0.52P	101 031 220 0550
③	0.75-1.0	M23-FC9G-1.0P	101 031 220 0850



M17 Circular connector

63V- 3.6A

Technical characteristics

Specifications			
Specifications	DIN EN 60 664		
	DIN EN 61 984		
Approvals			
Electrical data		Mechanical date	
Number of contacts	17	Housing material	copper alloy,zinc alloy
Rated current	3.6A	Housing surface	Nickel-plated
mm²/ AWG	(0.14-0.5 mm² / AWG 26-20)	Contact resistance	≤ 5 mΩ
Rated voltage	63 V	Insulating bodies	PBT
Rated impulse voltage	1.5kV	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

Remark: SPQ is 1pc

Male, Crimp terminal

order crimp contacts separately



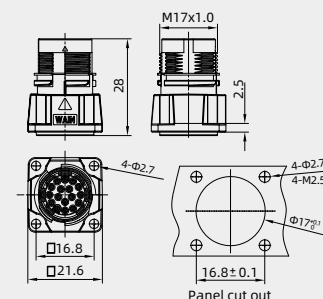
Contacts	Designation	Order No.
17	M17-MC017-BK21.6-OD2.7	165 017 310 4002

Female, Crimp terminal

order crimp contacts separately



Contacts	Designation	Order No.
17	M17-FC017-BK21.6-OD2.7	165 017 320 1001



Crimp contacts

Crimp contacts 3.6A

3.6A



Remark: SPQ is 100pcs

NO.	Wire gauge(mm ²)	Male	Order No.
①	0.14-0.5	M17-MC3.6G-0.5	101 039 210 0401
NO.	Wire gauge(mm ²)	Female	Order No.
①	0.14-0.5	M17-FC3.6G-0.5	101 039 220 0401

Tools

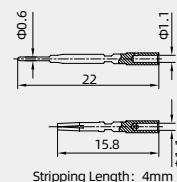
Crimping tool



Remark: SPQ is 1pc

Wire gauge	Designation	Order No.
0.09-0.82 mm ²	TL03	198 001 001 0002

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



M17

M17 Circular connector

630/63V- 14/0.6A

Technical characteristics

Specifications				
Specifications	DIN EN 60 664 DIN EN 61 984			
Approvals				
Electrical data			Mechanical date	
Number of contacts	5	3+PE	Housing material	copper alloy,zinc alloy
Rated current	3.6	14A	Housing surface	Nickel-plated
mm ² / AWG	0.14-0.5/26-20	0.03-1.5/32-16	Contact resistance	≤ 5 mΩ
Rated voltage	63V	630V	Insulating bodies	PBT
Rated impulse voltage	1.5kV	6kV	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
			Temperature range	-40°C ...+130°C

Remark: SPQ is 1 pc

Male, Crimp terminal
order crimp contacts separately

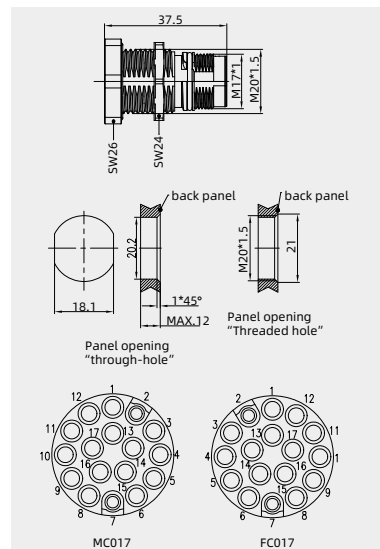


Contacts	Designation	Order No.
17	M17-MC017-BKR-M20	165 017 310 1500

Female, Crimp terminal
order crimp contacts separately



Contacts	Designation	Order No.
17	M17-FC017-BKR-M20	165 017 320 1500



Crimp contacts

Crimp contacts 3.6A

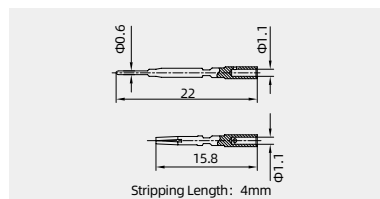
3.6A(signal)



Remark: SPQ is 100pcs

NO.	Wire gauge(mm ²)	Male	Order No.
①	0.14-0.5	M17-MC3.6G-0.5	101 039 210 0401

NO.	Wire gauge(mm ²)	Female	Order No.
①	0.14-0.5	M17-FC3.6G-0.5	101 039 220 0401



Crimp contacts

power



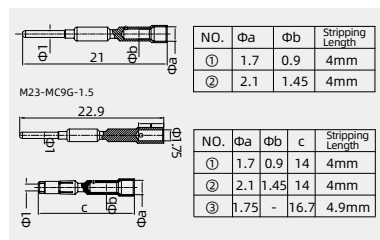
Remark: SPQ is 100pcs

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	0.5-1.5	M23-MC9G-1.5	101 031 210 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	0.5-1.5	M23-FC9G-1.5	101 031 220 0901



Tools

Remark: SPQ is 1pc

Crimping tool	Wire gauge	Designation	Order No.
	0.09-0.82 mm ²	TL03	198 001 001 0002



Tools

Remark: SPQ is 1 pc

	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.

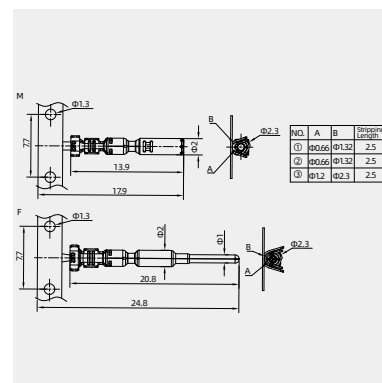
Accessories

Stamped contacts

Stamped contacts

Remark: SPQ is 3000pcs

NO.	Wire gauge(mm ²)	Male	Order No.
①	0.08-0.2	M23-MC9G-0.2P	101 031 210 0150
②	0.2-0.52	M23-MC9G-0.52P	101 031 210 0550
③	0.75-1.0	M23-MC9G-1.0P	101 031 210 0850
NO.	Wire gauge(mm ²)	Female	Order No.
①	0.08-0.2	M23-FC9G-0.2P	101 031 220 0150
②	0.2-0.52	M23-FC9G-0.52P	101 031 220 0550
③	0.75-1.0	M23-FC9G-1.0P	101 031 220 0850



coil stock



Note: 10kpcs/volume

M17 Circular connector

630/63V- 14/0.6A

Technical characteristics

Specifications				
Specifications	DIN EN 60 664			
	DIN EN 61 984			
Approvals				
Electrical data			Mechanical date	
Number of contacts	5	3+PE	Housing material	copper alloy,zinc alloy
Rated current	3.6	14A	Housing surface	Nickel-plated
mm ² / AWG	0.14-0.5/26-20	0.03-1.5/32-16	Contact resistance	≤ 5 mΩ
Rated voltage	63V	630V	Insulating bodies	PBT
Rated impulse voltage	1.5kV	6kV	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
			Temperature range	-40°C ...+130°C

Remark: SPQ is 1pc

Male, Crimp terminal

order crimp contacts separately



Contacts	Designation	Order No.
17	M17-MC017-BK-M17	165 017 310 1502

Female, Crimp terminal

order crimp contacts separately



Contacts	Designation	Order No.
17	M17-FC017-BK-M17	165 017 320 1502

Crimp contacts

Crimp contacts 3.6A

3.6A(signal)



Remark: SPQ is 100pcs

NO.	Wire gauge(mm ²)	Male	Order No.
①	0.14-0.5	M17-MC3.6G-0.5	101 039 210 0401
NO.	Wire gauge(mm ²)	Female	Order No.
①	0.14-0.5	M17-FC3.6G-0.5	101 039 220 0401

Crimp contacts

power



Remark: SPQ is 100pcs

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	0.5-1.5	M23-MC9G-1.5	101 031 210 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	0.5-1.5	M23-FC9G-1.5	101 031 220 0901

Tools

Remark: SPQ is 1pc

Crimping tool



Wire gauge	Designation	Order No.
0.09-0.82 mm ²	TL03	198 001 001 0002

Tools

Remark: SPQ is 1pc

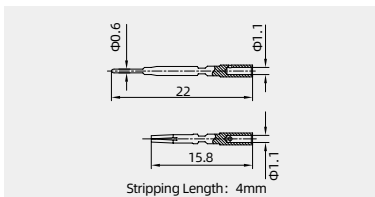
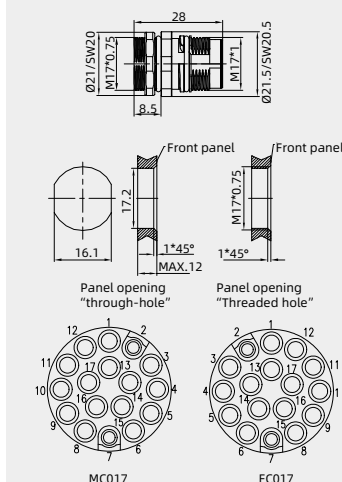
Crimping tool



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.

21S-65 WAIN ELECTRICAL



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
③	1.75	-	16.7	4.9mm

Accessories

Stamped contacts

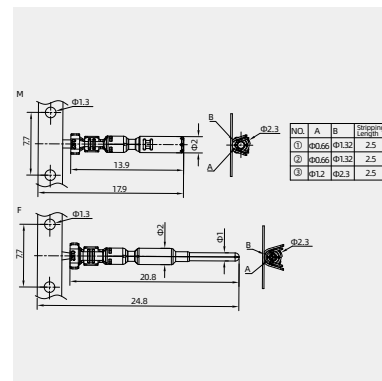
Stamped contacts

Remark: SPQ is 3000pcs

NO.	Wire gauge(mm ²)	Male	Order No.
①	0.08-0.2	M23-MC9G-0.2P	101 031 210 0150
②	0.2-0.52	M23-MC9G-0.52P	101 031 210 0550
③	0.75-1.0	M23-MC9G-1.0P	101 031 210 0850
NO.	Wire gauge(mm ²)	Female	Order No.
①	0.08-0.2	M23-FC9G-0.2P	101 031 220 0150
②	0.2-0.52	M23-FC9G-0.52P	101 031 220 0550
③	0.75-1.0	M23-FC9G-1.0P	101 031 220 0850

coil stock

Note: 10kpcs/volume



M17 Circular connector

630V- 20A

Technical characteristics

Specifications			
Specifications	DIN EN 60 664		
	DIN EN 61 984		
Approvals			
Electrical data		Mechanical date	
Number of contacts	4(3+PE)	Housing material	copper alloy,zinc alloy
Rated current	20A	Housing surface	Nickel-plated
mm²/ AWG	(0.35-2.5 mm² / AWG 22-14)	Contact resistance	≤ 5 mΩ
Rated voltage	630V	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

Remark: SPQ is 5pcs

Male, Crimp terminal

order crimp contacts separately



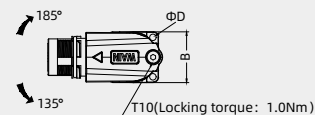
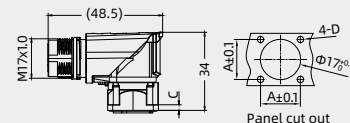
Contacts	Designation	Order No.
4(3+PE)	M17-MC04-BKP21.6-SE-OD2.7	165 004 310 1003
	M17-MC04-BKP26-SE-OD2.7	165 004 610 2500
	M17-MC04-BKP28-SE-OD3.2	165 004 610 2503

Female, Crimp terminal

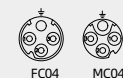
order crimp contacts separately



Contacts	Designation	Order No.
4(3+PE)	M17-FC04-BKP21.6-SE-OD2.7	165 004 620 2500
	M17-FC04-BKP26-SE-OD2.7	165 004 620 2501
	M17-FC04-BKP28-SE-OD3.2	165 004 620 2502



Designation	A	B	C	D
BKP21.6	16.8	21.6	2.5	Φ2.7/M2.5
BKP26	19.8	26.0	2.5	Φ2.7/M2.5
BKP28	22.6	28.0	4.5	Φ3.2/M3



Crimp contacts

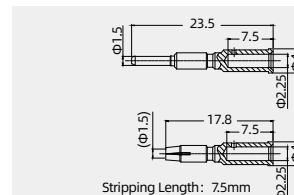
Crimp contacts 20A

20A

Remark: SPQ is 100pcs

Wire gauge(mm ²)	Male	Order No.
0.35-2.5	M17-MC20G-2.5	101 020 210 1002

Wire gauge(mm ²)	Female	Order No.
0.35-2.5	M17-FC20G-2.5	101 020 220 1002



Tools

Crimping tool



Remark: SPQ is 1pc

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.

M17 Circular connector

630V- 14A

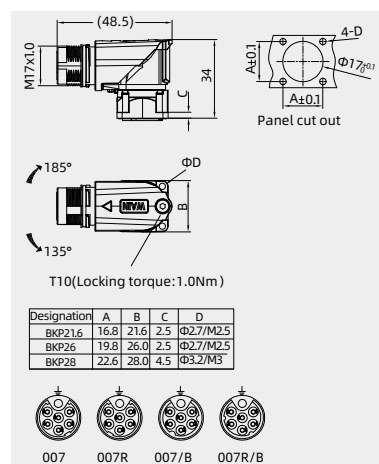
Technical characteristics

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
mm ² / AWG	(0.03-1.5 mm ² / AWG 32-16)	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

Remark: SPQ is 5pcs

Crimp terminal
order crimp contacts separately

Contacts	Designation	Order No.
7	M17-007-BKP21.6-SE-OD2.7	165 007 300 4001
	M17-007-BKP26-SE-OD2.7	165 007 300 4007
	M17-007-BKP28-SE-OD3.2	165 007 300 4011
	M17-007R-BKP21.6-SE-OD2.7	165 007 300 4006
	M17-007R-BKP26-SE-OD2.7	165 007 300 4008
	M17-007R-BKP28-SE-OD3.2	165 007 300 4012
	M17-007/B-BKP21.6-SE-OD2.7	165 007 300 4004
	M17-007/B-BKP26-SE-OD2.7	165 007 300 4009
	M17-007/B-BKP28-SE-OD3.2	165 007 300 4013
	M17-007R/B-BKP21.6-SE-OD2.7	165 007 300 4005
	M17-007R/B-BKP26-SE-OD2.7	165 007 300 4010
	M17-007R/B-BKP28-SE-OD3.2	165 007 300 4014



Crimp contacts

Crimp contacts



Remark: SPQ is 100pcs

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	0.5-1.5	M23-MC9G-1.5	101 031 210 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	0.5-1.5	M23-FC9G-1.5	101 031 220 0901

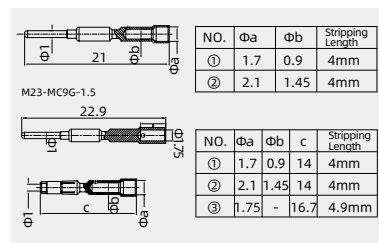
Tools

Crimping tool



Remark: SPQ is 1pc

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.

Accessories

Stamped contacts

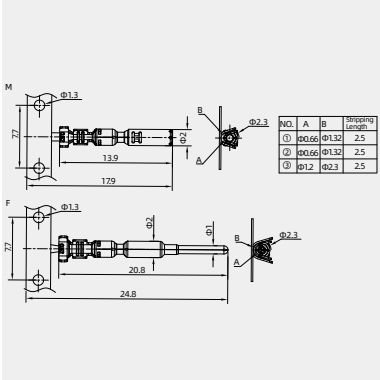
Stamped contacts

Remark: SPQ is 3000pcs

NO.	Wire gauge(mm ²)	Male	Order No.
①	0.08-0.2	M23-MC9G-0.2P	101 031 210 0150
②	0.2-0.52	M23-MC9G-0.52P	101 031 210 0550
③	0.75-1.0	M23-MC9G-1.0P	101 031 210 0850
NO.	Wire gauge(mm ²)	Female	Order No.
①	0.08-0.2	M23-FC9G-0.2P	101 031 220 0150
②	0.2-0.52	M23-FC9G-0.52P	101 031 220 0550
③	0.75-1.0	M23-FC9G-1.0P	101 031 220 0850

coil stock

Note: 10kpcs/ volume



M17 Circular connector

630/63V - 14/0.6A

Technical characteristics

Specifications				
Specifications	DIN EN 60 664			
	DIN EN 61 984			
Approvals				
Electrical data			Mechanical date	
Number of contacts	5	3+PE	Housing material	copper alloy,zinc alloy
Rated current	3.6	14A	Housing surface	Nickel-plated
mm²/ AWG	0.14-0.5/26-20	0.03-1.5/32-16	Contact resistance	≤ 5 mΩ
Rated voltage	63V	630V	Insulating bodies	PBT
Rated impulse voltage	1.5kV	6kV	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
			Temperature range	-40°C ...+130°C

Remark: SPQ is 5pcs

Male, Crimp terminal

order crimp contacts separately



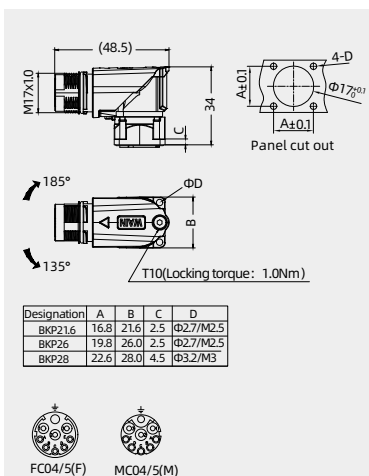
Contacts	Designation	Order No.
9(5+4(3+PE))	M17-MC04/5-BKP21.6-SE-OD2.7	165 009 610 2500
	M17-MC04/5-BKP26-SE-OD2.7	165 009 510 2500
	M17-MC04/5-BKP28-SE-OD3.2	165 009 610 2501

Female, Crimp terminal

order crimp contacts separately



Contacts	Designation	Order No.
9(5+4(3+PE))	M17-FC04/5-BKP21.6-SE-OD2.7	165 009 620 2500
	M17-FC04/5-BKP26-SE-OD2.7	165 009 620 2501
	M17-FC04/5-BKP28-SE-OD3.2	165 009 620 2502



Crimp contacts

Crimp contacts 3.6A

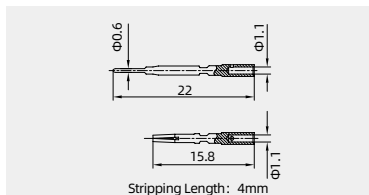
3.6A(signal)



Remark: SPQ is 100pcs

NO.	Wire gauge(mm ²)	Male	Order No.
①	0.14-0.5	M17-MC3.6G-0.5	101 039 210 0401

NO.	Wire gauge(mm ²)	Female	Order No.
①	0.14-0.5	M17-FC3.6G-0.5	101 039 220 0401



Crimp contacts

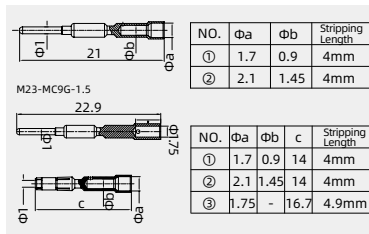
power



Remark: SPQ is 100pcs

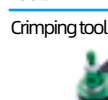
NO.	Wire gauge(mm ²)	Male	Order No.
①	0.03-0.34	M23-MC9G-0.34	101 031 210 2501
②	0.14-1.0	M23-MC9G-1.0	101 031 210 0801
③	0.5-1.5	M23-MC9G-1.5	101 031 210 0901

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	0.5-1.5	M23-FC9G-1.5	101 031 220 0901



Tools

Remark: SPO is 1pc



Wire gauge	Designation	Order No.
0.09-0.82 mm ²	TL03	198 001 001 0002

Tools

Remark: SPO is 1pc



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.

Accessories

Stamped contacts

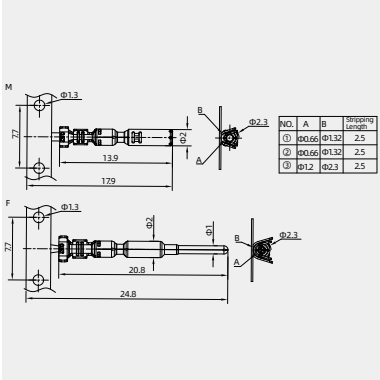
Stamped contacts

Remark: SPQ is 3000pcs

NO.	Wire gauge(mm ²)	Male	Order No.
①	0.08-0.2	M23-MC9G-0.2P	101 031 210 0150
②	0.2-0.52	M23-MC9G-0.52P	101 031 210 0550
③	0.75-1.0	M23-MC9G-1.0P	101 031 210 0850
NO.	Wire gauge(mm ²)	Female	Order No.
①	0.08-0.2	M23-FC9G-0.2P	101 031 220 0150
②	0.2-0.52	M23-FC9G-0.52P	101 031 220 0550
③	0.75-1.0	M23-FC9G-1.0P	101 031 220 0850

coil stock

Note: 10kpcs/ volume



M17 Circular connector

48V- 7.5A

Technical characteristics

Specifications			
Specifications	DIN EN 60 664		
	DIN EN 61 984		
Approvals			
Electrical data		Mechanical data	
Number of contacts	10	Housing material	copper alloy,zinc alloy
Rated current	7.5A	Housing surface	Nickel-plated
mm²/ AWG	(0.09-0.82mm² /AWG 28-18)	Contact resistance	≤ 10 mΩ
Rated voltage	48 V	Insulating bodies	PBT
Rated impulse voltage	1.5kV	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

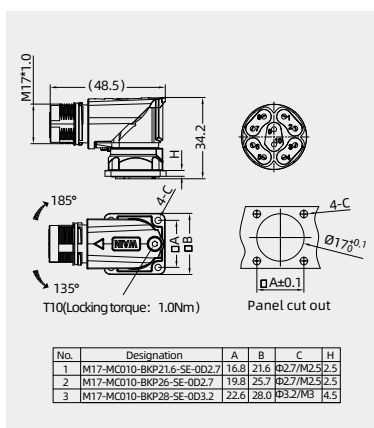
Remark: SPQ is 5pcs

Crimp terminal

order crimp contacts separately



Contacts	Designation	Order No.
10	M17-MC010-BKP21.6-SE-OD2.7	165 010 610 1500
	M17-MC010-BKP26-SE-OD2.7	165 010 610 1501
	M17-MC010-BKP28-SE-OD3.2	165 010 610 1502



Accessories

Remark: SPQ is 100pcs

Crimp contacts 5A

gold plated



Wire gauge(mm ²)	Male	Order No.
0.09-0.25	CSGM-0.25	101 014 210 0101
0.13-0.33	CSGM-0.33	101 014 210 0201
0.33-0.52	CSGM-0.52	101 014 210 0501
0.33-0.82	CSGM-0.82	101 014 210 0701

Remark: SPQ is 1pc

Tools

Crimping tool



Wire gauge	Designation	Order No.
0.09-0.82mm ²	TL03	198 001 001 0002

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

M17 Circular connector

32V- 7A

Technical characteristics

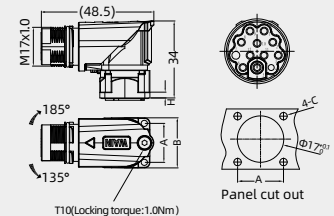
Specifications			
Specifications		DIN EN 60 664	
		DIN EN 61 984	
Approvals			
Electrical data		Mechanical date	
Number of contacts	12	Housing material	copper alloy,zinc alloy
Rated current	7A	Housing surface	Nickel-plated
mm²/ AWG	(0.03-1.0 mm² / AWG 32-18)	Contact resistance	≤ 5 mΩ
Rated voltage	32 V	Insulating bodies	PBT
Rated impulse voltage	1.5kV	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

Remark: SPQ is 5pcs

Crimp terminal

order crimp contacts separately

Contacts	Designation	Order No.
12	M17-012-BKP21.6-SE-OD2.7	165 012 300 4001
	M17-012-BKP26-SE-OD2.7	165 012 300 2001
	M17-012-BKP28-SE-OD3.2	165 012 300 2002



Designation	A	B	C	H
M17-012-BKP21.6-SE-OD2.7	16.8	21.6	Φ2.7/M2.5	2.5
M17-012-BKP26-SE-OD2.7	19.8	25.7	Φ2.7/M2.5	2.5
M17-012-BKP28-SE-OD3.2	22.6	28.0	Φ3.2/M3	4.5

Crimp contacts

Crimp contacts

Remark: SPQ is 100pcs

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

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

Tools

Crimping tool

Remark: SPQ is 1pc

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.

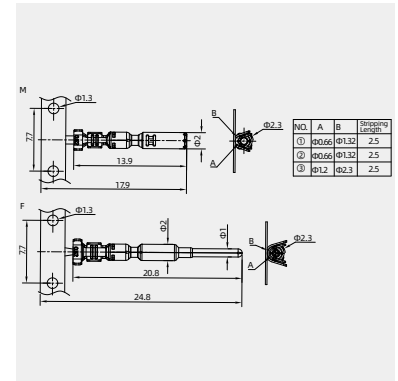
Accessories

Stamped contacts

Stamped contacts

Remark: SPQ is 3000pcs

NO.	Wire gauge(mm ²)	Male	Order No.
①	0.08-0.2	M23-MC9G-0.2P	101 031 210 0150
②	0.2-0.52	M23-MC9G-0.52P	101 031 210 0550
③	0.75-1.0	M23-MC9G-1.0P	101 031 210 0850
NO.	Wire gauge(mm ²)	Female	Order No.
①	0.08-0.2	M23-FC9G-0.2P	101 031 220 0150
②	0.2-0.52	M23-FC9G-0.52P	101 031 220 0550
③	0.75-1.0	M23-FC9G-1.0P	101 031 220 0850



coil stock



Note: 10kpcs/volume

M17 Circular connector

63V- 3.6A

Technical characteristics

Specifications			
Specifications		DIN EN 60 664	
		DIN EN 61 984	
Approvals			
Electrical data		Mechanical data	
Number of contacts	17	Housing material	copper alloy,zinc alloy
Rated current	3.6A	Housing surface	Nickel-plated
mm²/ AWG	(0.14-0.5 mm² / AWG 26-20)	Contact resistance	≤ 5 mΩ
Rated voltage	63 V	Insulating bodies	PBT
Rated impulse voltage	1.5kV	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

Remark: SPQ is 5pcs

Male, Crimp terminal

order crimp contacts separately



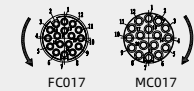
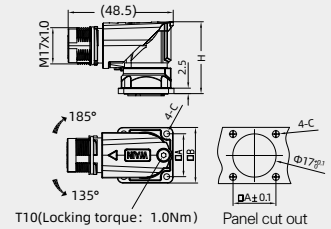
Contacts	Designation	Order No.
17	M17-MC017-BKP21.6-SE-OD2.7	165 017 310 4001
	M17-MC017-BKP26-SE-OD2.7	165 017 310 1001
	M17-MC017-BKP28-SE-OD3.2	165 017 310 1002

Female, Crimp terminal

order crimp contacts separately



Contacts	Designation	Order No.
17	M17-FC017-BKP21.6-SE-OD2.7	165 017 320 1002
	M17-FC017-BKP26-SE-OD2.7	165 017 320 1003
	M17-FC017-BKP28-SE-OD3.2	165 017 320 1004



Designation	A	B	C	H
M17-MC017-BKP21.6-SE-OD2.7	16.8	21.6	Φ2.7/M2.5	2.5
M17-MC017-BKP26-SE-OD2.7	16.8	21.6	Φ2.7/M2.5	2.5
M17-MC017-BKP28-SE-OD3.2	19.8	25.7	Φ2.7/M2.5	2.5
M17-FC017-BKP21.6-SE-OD2.7	19.8	25.7	Φ2.7/M2.5	2.5
M17-FC017-BKP26-SE-OD2.7	22.6	28.0	Φ3.2/M3	4.5
M17-FC017-BKP28-SE-OD3.2	22.6	28.0	Φ3.2/M3	4.5

Crimp contacts

Crimp contacts 3.6A

3.6A(signal)

Remark: SPQ is 100pcs

NO.	Wire gauge(mm ²)	Male	Order No.
①	0.14-0.5	M17-MC3.6G-0.5	101 039 210 0401
NO.	Wire gauge(mm ²)	Female	Order No.
①	0.14-0.5	M17-FC3.6G-0.5	101 039 220 0401



Tools

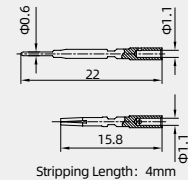
Crimping tool



Remark: SPQ is 1pc

Wire gauge	Designation	Order No.
0.09-0.82 mm ²	TL03	198 001 001 0002

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



Accessories

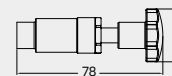
Protection covers IP65

Remark: SPQ is 1pc

M17 core extractor



Description	Designation	Order No.
	M17-TL01	198 001 000 0039



M17 Protection cover



Description	Designation	Order No.
	M17-CV-F	165 000 000 9500

