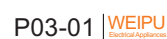


- Product characteristics:

- Convenient and reliable installation of inserts, upgraded removable pin feature;
- Removable grounding insert;
- 330-degree rotatable design for angled plug and socket;
- Termination is either solder or crimp.



IP67

03

● M23X for power

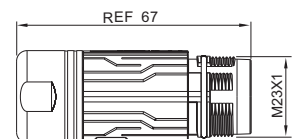
Material and spec

Shell material	Zinc alloy with nickel plating
Contact material	Brass with gold plating
Insert material	PA66
Insulation resistance	$>10^{13} \text{ m}\Omega$
Termination	Crimp
Temperature range	$-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$
Mating cycle	1000
Cable outer diameter range	I: 4.5-8mm II: 8-13mm III: 12-15mm
IP rating	IP67 (mated)
Coupling	Threaded coupling

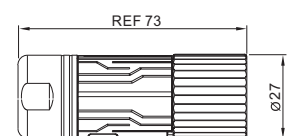
Male contact
cable connector

M23XDJ _TK_

Number of contact

Cable outer diameter range
I: 4.5-8mm
II: 8-13mm
III: 12-15mmFemale contact
cable connector

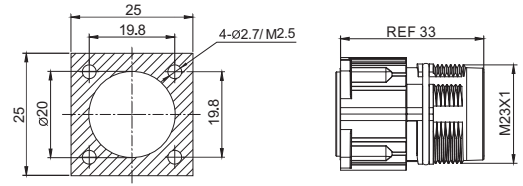
M23XDK _TK_





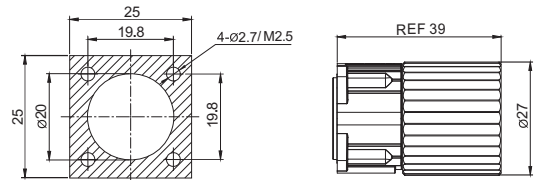
Male contact
square flange receptacle

M23XDJ_Z
└─ Number of contact



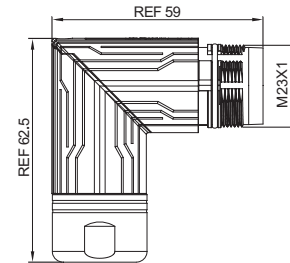
Female contact
square flange receptacle

M23XDK_Z



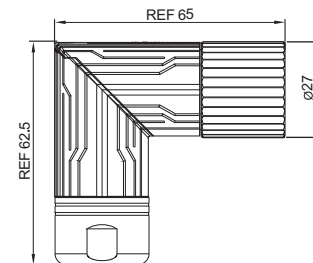
Male contact
angled cable connector

M23XDJ_TL_



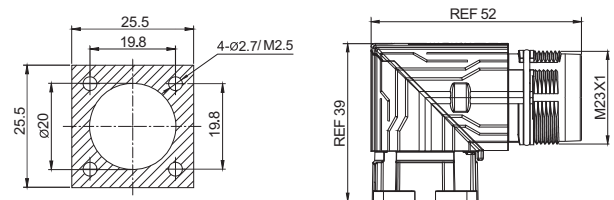
Female contact
angled cable connector

M23XDK_TL_



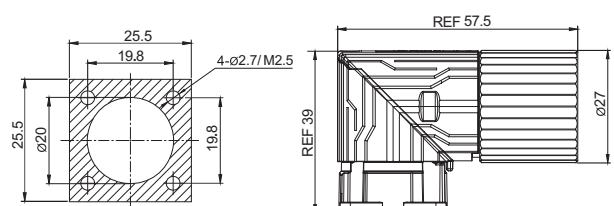
Male contact angled
square flange receptacle

M23XDJ_ZL



Female contact angled
square flange receptacle

M23XDK_ZL



M23X for power contact arrangement and spec

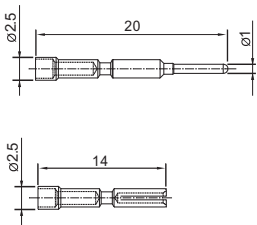
Male contact face view	Number of contact	Contact diameter (mm)	Rated voltage (AC.V)	Rated current (A)	Test voltage (AC.V)1min
	6(5+PE)	ø2	600	28	4000
	8(3+4+PE)	ø1×4 ø2×4	300 600	8 28	2500

03

M23X contact spec

8A Crimp contact

- ※ Contact diameter: ø1
- ※ Material: Brass with gold plating



8A Male crimp contact

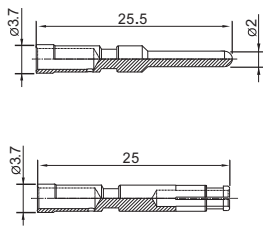
Wire size	Stripping length	Male crimp contact p/n	Crimping tool p/n
0.08-0.5mm ² AWG 28-20	4.5mm	YJ1-20-0.5AU	CT-0.031/0.52
0.25-1.0mm ² AWG 23-17	4.5mm	YJ1-20-1.0AU	CT-0.031/0.52

8A Female crimp contact

Wire size	Stripping length	Female crimp contact p/n	Crimping tool p/n
0.08-0.5mm ² AWG 28-20	4.5mm	YK1-14-0.5AU	CT-0.031/0.52
0.25-1.0mm ² AWG 23-17	4.5mm	YK1-14-1.0AU	CT-0.031/0.52

28A Crimp

- ※ Contact diameter: ø2
- ※ Material: Brass with gold plating



28A Male crimp contact

Wire size	Stripping length	Male crimp contact p/n	Crimping tool p/n
0.08-0.5mm ² AWG 28-20	7.5mm	YJ2-25.5-0.5AU	CTW-0.14/4
1-2.5mm ² AWG 18-13	7.5mm	YJ2-25.5-2.5AU	CTW-0.14/4
2.5-4mm ² AWG 13-12	7.5mm	YJ2-25.5-4.0AU	CTW-0.14/4

28A Female crimp contact

Wire size	Stripping length	Female crimp contact p/n	Crimping tool p/n
0.08-0.5mm ² AWG 28-20	7.5mm	YK2-25-0.5AU	CTW-0.14/4
1-2.5mm ² AWG 18-13	7.5mm	YK2-25-2.5AU	CTW-0.14/4
2.5-4mm ² AWG 13-12	7.5mm	YK2-25-4.0AU	CTW-0.14/4

Crimp tool

For crimping the male / female contacts



Part number	Crimping wire range
CTW-0.14/4	0.14-4mm ² AWG 25-11
CT-0.031/0.52	0.03-0.5mm ² AWG20-32

IP67



● M23X for signal

Material and spec

Shell material	Zinc alloy with nickel plating	
Contact material	Brass with gold plating	
Insert material	PBT	
Insulation resistance	9、12 pins: $>10^{10}\text{m}\Omega$	17、19 pins: $>10^6\text{m}\Omega$
Termination	Crimp	
Temperature range	$-40^{\circ}\text{C}\sim+125^{\circ}\text{C}$	
Mating cycle	1000	
Cable outer diameter range	I: 4.5-8mm II: 8-13mm III: 12-15mm	
IP rating	IP67 (mated)	
Coupling	Threaded coupling	

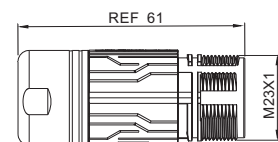


Male contact
cable connector

M23XSJ_TK

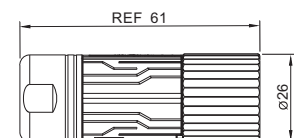
Number of contact

Cable outer diameter range
I: 4.5-8mm
II: 8-13mm
III: 12-15mm



Female contact
cable connector

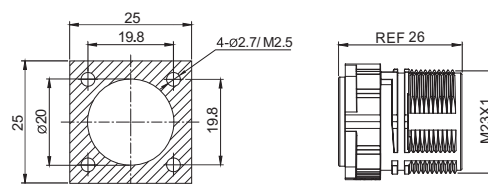
M23XSK_TK_





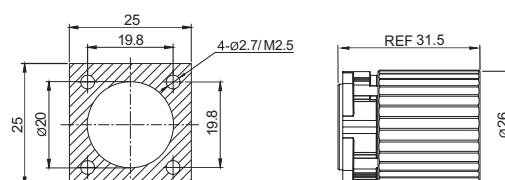
Male contact
square flange receptacle

M23XSJ_Z
└─ Number of contact



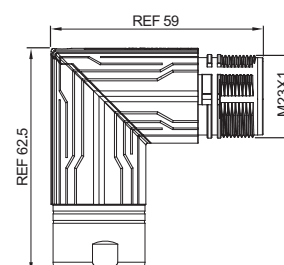
Female contact
square flange receptacle

M23XSK_Z



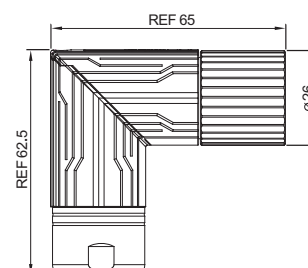
Male contact
angled cable connector

M23XSJ_TL_



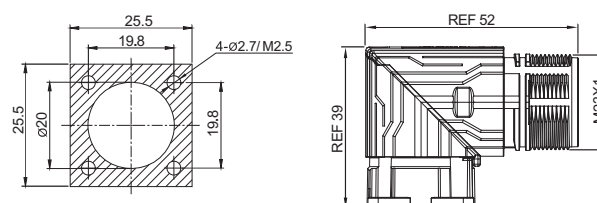
Female contact
angled cable connector

M23XSK_TL_



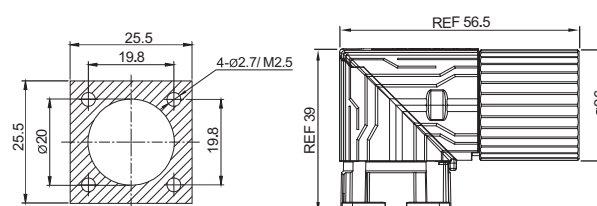
Male contact angled
square flange receptacle

M23XSJ_ZL



Female contact angled
square flange receptacle

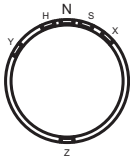
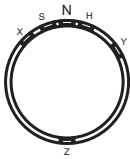
M23XSK_ZL



M23X for signal contact arrangement and spec

03

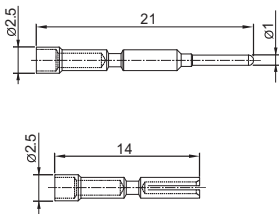
Male contact face view	Number of contact	Contact diameter (mm)	Rated voltage (AC.V)	Rated current (A)	Test voltage (AC.V)1min
	9(8+1)	ø1 8 ø2 1	300	8 20	2500
	12	ø1 12	300	8	2500
	17	ø1 17	150	8	1500
	19(16+3)	ø1 16 ø1.5 3	150	8 10	1500

Number of Contact	Optional Angle	Coded Chuck
9	N, S, H, X, Y	 Male contact face view
12	N, S, H, X, Y, Z	
17	N, S, H, X, Y, Z	
19	N, S, H, X, Y	 Female contact face view
Code N is open in original state, if you need to use another, please open the coded chuck head.		

M23X for signal contact spec

8A Crimp contact

- ※ Contact diameter: Ø1
- ※ Material: Brass with gold plating



8A Male crimp contact

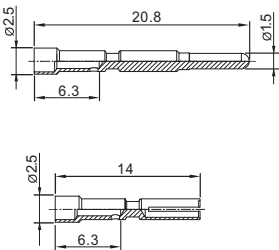
Wire size	Stripping length	Male crimp contact p/n	Crimping tool p/n
0.08-0.5mm ² AWG 28-20	4.5mm	YJ1-21-0.5AU	CT-0.031/0.52
0.56-1mm ² AWG 20-17	4.5mm	YJ1-21-1.0AU	CT-0.031/0.52
1-1.5mm ² AWG 17-16	4.5mm	YJ1-21-1.5AU	CT-0.031/0.52

8A Female crimp contact

Wire size	Stripping length	Female crimp contact p/n	Crimping tool p/n
0.08-0.5mm ² AWG 28-20	4.5mm	YK1-14-0.5AU	CT-0.031/0.52
0.56-1mm ² AWG 20-17	4.5mm	YK1-14-1.0AU	CT-0.031/0.52
1-1.5mm ² AWG 17-16	4.5mm	YK1-14-1.5AU	CT-0.031/0.52

10A Crimp contact

- ※ Contact diameter: Ø1.5
- ※ Material: Brass with gold plating



10A Male contact crimp

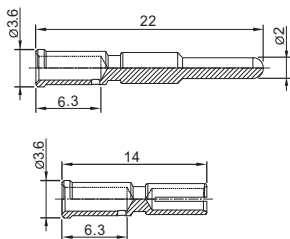
Wire size	Stripping length	Male crimp contact p/n	Crimping tool p/n
0.14-0.5mm ² AWG 26-20	4.5mm	YJ1.5-20.8-0.5AU	CT-0.031/0.52
0.5-1mm ² AWG 20-17	4.5mm	YJ1.5-20.8-1.0AU	CT-0.031/0.52
1-1.5mm ² AWG 17-16	4.5mm	YJ1.5-20.8-1.5AU	CT-0.031/0.52

10A Female crimp contact

Wire size	Stripping length	Female crimp contact p/n	Crimping tool p/n
0.14-0.5mm ² AWG 26-20	4.5mm	YK1.5-14-0.5AU	CT-0.031/0.52
0.56-1mm ² AWG 20-17	4.5mm	YK1.5-14-1.0AU	CT-0.031/0.52
1-1.5mm ² AWG 17-16	4.5mm	YK1.5-14-1.5AU	CT-0.031/0.52

20A Crimp contact

- ※ Contact diameter: Ø2
- ※ Material: Brass with gold plating



20A Male crimp contact

Wire size	Stripping length	Male crimp contact p/n	Crimping tool p/n
0.75-2.5mm ² AWG 18-13	6.5mm	YJ2-22-2.5AU	CTW-0.14/4

20A Female crimp contact

Wire size	Stripping length	Female crimp contact p/n	Crimping tool p/n
0.75-2.5mm ² AWG 18-13	6.5mm	YK2-14-2.5AU	CTW-0.14/4

Crimp tool

For crimping the male / female contacts



Part number	Crimping wire range
CTW-0.14/4	0.14-4mm ² AWG 25-11
CT-0.031/0.52	0.03-0.5mm ² AWG20-32