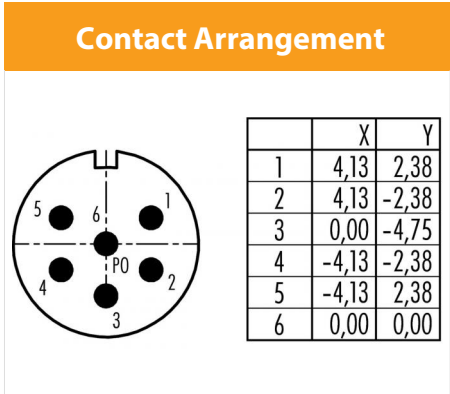
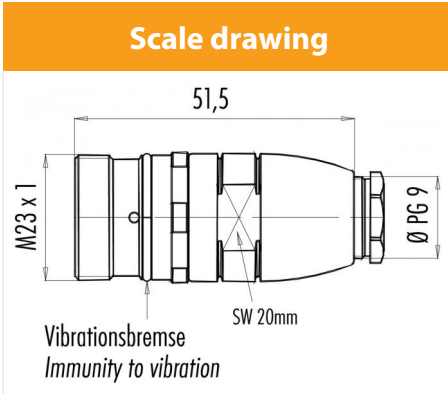


# Product sheet

## Output connector



Product	<b>Contacts: 6, Coupling plug, right-turning (the pin and socket insert counter-rotate in right and left turning models)</b>	Area	<b>M23 Power Series 623</b>
Pole	<b>6</b>	Article number	<b>99 4641 00 06</b>



## Technical data

### Common values

Connector Design	Coupling plug
Connector locking system	screw
Termination	Solder
Wire gauge (mm)	2.50 mm <sup>2</sup>
Wire gauge (AWG)	14
Cable outlet	6 - 10 mm
Upper temperature	125 °C
Lower temperature	-20 °C

### Electrical values

Rated voltage	300 V
Rated impulse voltage	2500 V
Pollution degree	3
Overvoltage category	II
Material group	III
Rated current (40°C)	20 A
Volume resistivity	≤ 3 mΩ
EMV compliance	not shielded
Degree of protection	IP67
Mechanical operation	> 50 mating cycles

### Material

Material of contact	CuZn (Brass)
Contact plating	Au (Gold)
Material of contact body	PBT/PA66
Material of housing	CuZn (Brass nickel-plated)

Contacts: 6, Coupling plug, right-turning, cable outlet 6 - 10 mm