

# Product sheet

## Output connector



Product	<b>Contacts: 16, Female panel mount connector, back-panel mount, right-turning (the pin and socket insert counter-rotate in right and left turning models)</b>	Area Article number	<b>M23 Power Series 623 99 4612 80 16</b>
Pole	<b>16</b>		

Illustration	Scale drawing	Contact Arrangement																																																			
		<table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th></th> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr><td>1</td><td>-1,70</td><td>5,50</td></tr> <tr><td>2</td><td>-4,40</td><td>3,60</td></tr> <tr><td>3</td><td>-5,70</td><td>0,70</td></tr> <tr><td>4</td><td>-5,20</td><td>-2,50</td></tr> <tr><td>5</td><td>-3,05</td><td>-4,80</td></tr> <tr><td>6</td><td>0,00</td><td>-5,70</td></tr> <tr><td>7</td><td>3,05</td><td>-4,80</td></tr> <tr><td>8</td><td>5,20</td><td>-2,50</td></tr> <tr><td>9</td><td>5,70</td><td>0,70</td></tr> <tr><td>10</td><td>4,40</td><td>3,60</td></tr> <tr><td>11</td><td>1,70</td><td>5,50</td></tr> <tr><td>12</td><td>0,00</td><td>2,80</td></tr> <tr><td>13</td><td>-2,55</td><td>1,10</td></tr> <tr><td>14</td><td>-1,70</td><td>-2,00</td></tr> <tr><td>15</td><td>1,70</td><td>-2,00</td></tr> <tr><td>16</td><td>2,55</td><td>1,10</td></tr> </tbody> </table>		X	Y	1	-1,70	5,50	2	-4,40	3,60	3	-5,70	0,70	4	-5,20	-2,50	5	-3,05	-4,80	6	0,00	-5,70	7	3,05	-4,80	8	5,20	-2,50	9	5,70	0,70	10	4,40	3,60	11	1,70	5,50	12	0,00	2,80	13	-2,55	1,10	14	-1,70	-2,00	15	1,70	-2,00	16	2,55	1,10
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## Technical data

### Common values

Connector Design	Female panel mount connector
Connector locking system	screw
Termination	Solder
Wire gauge (mm)	1.00 mm <sup>2</sup>
Wire gauge (AWG)	18
Cable outlet	-
Upper temperature	125 °C
Lower temperature	-20 °C

### Electrical values

Rated voltage	150 V
Rated impulse voltage	1500 V
Pollution degree	3
Overvoltage category	II
Material group	III
Rated current (40°C)	8 A
Volume resistivity	≤ 3 mΩ
EMV compliance	not shielded
Degree of protection	IP67
Mechanical operation	> 50 mating cycles

### Material

Material of contact	CuSn (Bronze)
Contact plating	Au (Gold)
Material of contact body	PBT/PA66
Material of housing	Nickel-plated zinc die casting

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