

Product sheet

Miniature connector



Product	Contacts: 24, Female panel mount connector, dip-solder, screwed from front, 24 contacts	Area	M16 IP40 Series 581/ 680/ 682
Pole	24	Article number	09 0198 90 24

Illustration	Scale drawing	Contact Arrangement																																																		
		<table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>x1</th> <th>y1</th> </tr> </thead> <tbody> <tr><td>1</td><td>-4,00 -1,50</td></tr> <tr><td>2</td><td>-4,00 0,35</td></tr> <tr><td>3</td><td>-4,00 2,20</td></tr> <tr><td>4</td><td>-2,40 3,10</td></tr> <tr><td>5</td><td>-2,40 1,30</td></tr> <tr><td>6</td><td>-2,40 -0,55</td></tr> <tr><td>7</td><td>-2,40 -2,40</td></tr> <tr><td>8</td><td>-0,80 -3,30</td></tr> <tr><td>9</td><td>-0,80 -1,50</td></tr> <tr><td>10</td><td>-0,80 0,35</td></tr> <tr><td>11</td><td>-0,80 2,20</td></tr> <tr><td>12</td><td>-0,80 4,00</td></tr> <tr><td>13</td><td>0,80 3,10</td></tr> <tr><td>14</td><td>0,80 1,30</td></tr> <tr><td>15</td><td>0,80 -0,55</td></tr> <tr><td>16</td><td>0,80 -2,40</td></tr> <tr><td>17</td><td>2,40 -3,30</td></tr> <tr><td>18</td><td>2,40 -1,50</td></tr> <tr><td>19</td><td>2,40 0,35</td></tr> <tr><td>20</td><td>2,40 2,20</td></tr> <tr><td>21</td><td>2,40 4,00</td></tr> <tr><td>22</td><td>4,00 1,30</td></tr> <tr><td>23</td><td>4,00 -0,55</td></tr> <tr><td>24</td><td>4,00 -2,40</td></tr> </tbody> </table>	x1	y1	1	-4,00 -1,50	2	-4,00 0,35	3	-4,00 2,20	4	-2,40 3,10	5	-2,40 1,30	6	-2,40 -0,55	7	-2,40 -2,40	8	-0,80 -3,30	9	-0,80 -1,50	10	-0,80 0,35	11	-0,80 2,20	12	-0,80 4,00	13	0,80 3,10	14	0,80 1,30	15	0,80 -0,55	16	0,80 -2,40	17	2,40 -3,30	18	2,40 -1,50	19	2,40 0,35	20	2,40 2,20	21	2,40 4,00	22	4,00 1,30	23	4,00 -0,55	24	4,00 -2,40
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You can find the assembly instruction on the next page.

Technical data

Common values

Connector Design	Female panel mount connector
Connector locking system	screw
Termination	dip-solder
Wire gauge (mm)	-
Wire gauge (AWG)	-
Upper temperature	85 °C
Lower temperature	-40 °C

Electrical values

Rated voltage	60 V
Rated impulse voltage	500 V
Pollution degree	1
Overvoltage category	I
Material group	III
Rated current (40°C)	1 A
Volume resistivity	≤ 3 mΩ
EMV compliance	shielded
Degree of protection	IP40
Mechanical operation	> 500 mating cycles

Material

Material of contact	CuSn (Bronze)
Contact plating	Au (Gold)
Material of contact body	PBT (UL 94 V-0)
Material of housing	Nickel-plated zinc die casting

Contacts: 24, Female panel mount connector, dip-solder, screwed from front, 24 contacts, gold plated contacts

Product sheet
Miniature connector



Product

**Contacts: 24, Female panel mount
connector, dip-solder, screwed from front,
24 contacts**

Area
Article number

**M16 IP40 Series 581/ 680/ 682
09 0198 90 24**

Pole

Installation instructions / Mounting cutout

