

Product Male socket, front fastened  
Area M 23 connectors IP 67

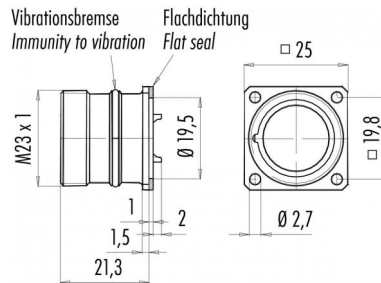
serie 623

Pole 19  
Article number 99 4633 00 19

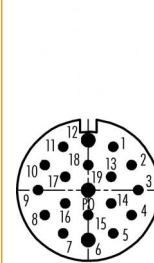
illustration



scale drawing



Contact Arrangement



|    | X     | Y     |
|----|-------|-------|
| 1  | 3,00  | 5,20  |
| 2  | 5,20  | 3,00  |
| 3  | 6,00  | 0,00  |
| 4  | 5,20  | -3,00 |
| 5  | 3,00  | -5,20 |
| 6  | 0,00  | -6,00 |
| 7  | -3,00 | -5,20 |
| 8  | -5,20 | -3,00 |
| 9  | -6,00 | 0,00  |
| 10 | -5,20 | 3,00  |
| 11 | -3,00 | 5,20  |
| 12 | 0,00  | 6,00  |
| 13 | 2,75  | 1,60  |
| 14 | 2,75  | -1,60 |
| 15 | 0,00  | -3,00 |
| 16 | -2,75 | -1,60 |
| 17 | -2,75 | 1,60  |
| 18 | 0,00  | 3,00  |
| 19 | 0,00  | 0,00  |

Technical data

Common values

|                          |                               |
|--------------------------|-------------------------------|
| Connector Design         | Male socket                   |
| Connector locking system | Screw                         |
| Termination              | solder                        |
| Wire gauge (mm)          | 16x1,0; 3x1,5 mm <sup>2</sup> |
| Wire gauge (AWG)         | 16x18; 3x16                   |
| Cable outlet             | -                             |
| Upper temperature        | +125 °C                       |
| Lower temperature        | -20 °C                        |

Material

|                     |                                |
|---------------------|--------------------------------|
| Material of contact | CuSn (bronze)                  |
| Contact plating     | Au (gold)                      |
| Material of housing | zinc diecasting, nickel plated |

Cable data

Contacts 19, male socket, front fastened, clockwise, anticlockwise

Electrical values

|                       |                    |
|-----------------------|--------------------|
| Rated voltage         | 150 V              |
| Rated impulse voltage | 1500 V             |
| Pollution degree      | 3                  |
| Overvoltage category  | II                 |
| Material group        | III                |
| Rated current (40°C)  | 16x8A/ 3x10A       |
| Volume resistivity    | ≤ 3 mΩ             |
| EMV compliance        | not shielded       |
| Degree of protection  | IP 67              |
| Mechanical operation  | > 50 mating cycles |

