

### Mechanical Data

### Materials and Technical Data

Housing	Copper-Zinc alloy Die Cast
Housing surface	Nickel plated other surface upon request
Inserts (for contacts)	Thermoplastic Polyamid PA 6 (Nylon 6/6), PBT Fire protection class V-0
Contacts	Brass Alloy
Contact surface at point of contact	Nickel and gold plated (0,25 µm )
Minimum mating cycles	50
Seals / O-Rings	Buna-N standard optional Viton® (Viton is a registered trademark of DuPont)
Temperature range	-40 °C – 125 °C (-40 °F – 257 °F)
Type of contacts	Crimp, solder, dip-solder (PCB)
Protection	IP 67 / IP 69K per EN 60 529 (connected), NEMA 4x
Cable diameter range	7 – 17 mm (.28 – .67")

### Electrical Data

Number of positions	26	28
Number of contacts	26	28
Contact-Ø [mm]	1	1
Nominal current <sup>1)</sup> [A]	8	8
Nominal voltage <sup>2)</sup> [V~]	150	150
Test voltage (Breakdown voltage) <sup>3)</sup> [V~]	1500	1500
Insulation resistance [MΩ]	> 10 <sup>12</sup>	> 10 <sup>12</sup>
Max. contact resistance [mΩ]	3	3
Degree of Protection <sup>4)</sup>	3	3

<sup>1), 2), 3), 4)</sup> See Technical Information page 16