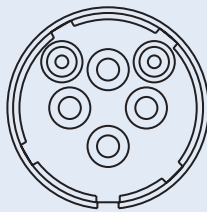
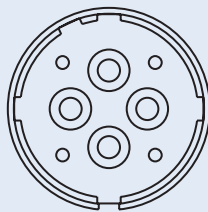


# Technical Characteristics

## Material & Finishes

Shell	CuZn, zinc diecast, aluminium, plastics (size 1.5i)
Shell plating	nickel plated, chemical nickel plated, chromium plated
Inserts	PA, PBT
Contacts	CuZn
Contact plating	gold plated
Sealing	FKM, NBR
Storage conditions	-40°C to +70°C / humidity 40%

## Electrical

Size 1.5 Data based on DIN EN 61984				
	4 x 3.6	2 x 2	4 x 3.6	4 x 2
Number of ways x contact diameter [mm]	4 x 3.6	2 x 2	4 x 3.6	4 x 2
Crimp termination cross section [mm <sup>2</sup> ]	1.5 - 16	0,75 - 2.5	1.5 - 16	0.75 - 2.5
Nominal current [A] @ environmental temperature 50°C / 122°F @ environmental temperature 20°C / 68°F	48 57	20 30	48 57	20 30
Max. operating voltage [Vrms]	630	250	630	250
Contact resistance [mΩ]	< 1	< 3	< 1	< 3
Insulation resistance [Ωcm]	10 <sup>13</sup>	10 <sup>13</sup>	10 <sup>13</sup>	10 <sup>13</sup>
Size 1.5i Nominal current [A] @ environmental temperature 50°C / 122°F @ environmental temperature 20°C / 68°F	55 65	20 30	55 65	20 30

## Physical & Environmental

Operating temperature range	-40°C to +125°C (UL version: -40°C to +75°C)
Environmental level	IP67 (mated)
Contamination level	3 (mated)
Installation altitude	up to 3000 m
Overvoltage category	III
Fire & Smoke	UL94-V0
RoHS	Compliant