

# Circular connectors for higher voltages, Series GB



Indoor, contact size 0

Item number: GB60-40-A4SN-SAC

Net weight: 0.1736 kg

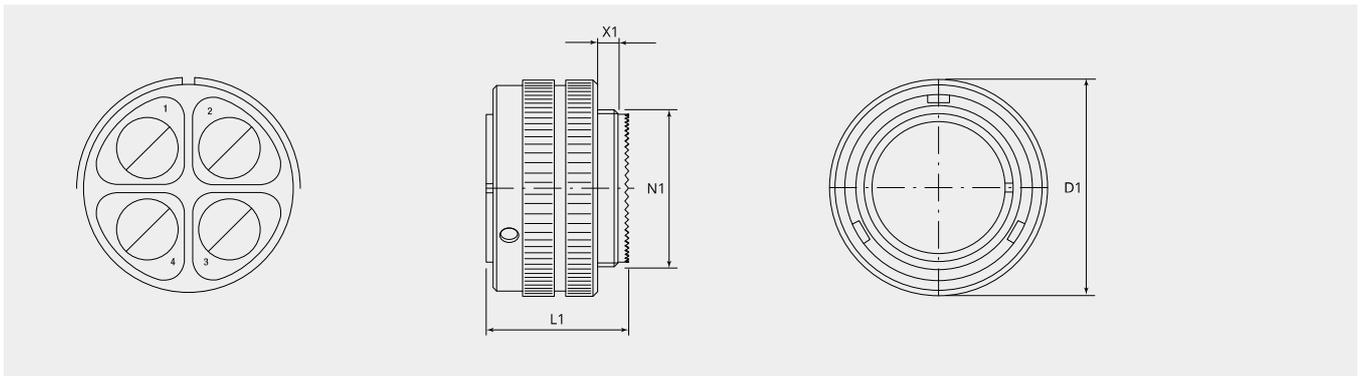
Packing unit: 1

## Mechanical properties

Size:	40
Contact type:	Pin
Number of contacts, size 0:	4
Shell material:	Aluminum alloy
Surface treatment:	Epoxy-polyurethane
Type of surface:	varnished
Thickness of surface treatment:	13-16 $\mu$
Surface colour:	black
Corrosion resistance (h):	500
Operation temperature:	-55°C - +125°C
Temperature shock:	-55°C - +125°C
Conductivity (M $\Omega$ ):	non conductive
Material sealing ring:	Silicone
Coupling-torque to lock (Nm):	max. 10.0
Coupling-torque to open (Nm):	min. 5.9

## Thermal properties

Material contact insert:	Silicone
Operating temperature:	-55°C - +200°C
Fire protection class DIN EN 45545-2:	R23/HL2
Fire protection class UL94:	V0



## Dimensional drawing

<b>D1 (Ø):</b>	73.0
<b>L1 (mm):</b>	60.0
<b>L2 (mm):</b>	38.5
<b>N1:</b>	2 5/16"-16 UN 2A
<b>X1 (mm):</b>	11.3

## Electrical properties

<b>Operating voltage DC (V):</b>	1250
<b>Operating voltage AC (V):</b>	750
<b>Test voltage AC (V):</b>	2800
<b>Insulation resistance (Ω m):</b>	≥ 5000
<b>Voltage class:</b>	ABB
<b>Contact numbers:</b>	All
<b>Operating voltage DC (V):</b>	1750
<b>Operating voltage AC (V):</b>	1250
<b>Test voltage AC (V):</b>	3500
<b>Insulation resistance (Ω m):</b>	≥ 5000
<b>Insulation creepage distance (mm):</b>	≥ 6.3
<b>Voltage class:</b>	MIL-DTL-5015

## Electrical properties contacts

Size 0 - nominal current (A):	150
Size 0 - maximal current (A):	245
Size 0 - test current (A):	200
Size 0* - nominal current (A):	240
Size 0* - maximal current (A):	200
Size 0* - test current (A):	245

## Complementary products:

### Counterpart:



#### GB210-40-A4PN-SAC

Receptacle front panel mount, for higher voltages, Series GB

### Backshell:



#### BSL40-AC

Backshell straight, long



#### BSN40-M7B-AC

Backshell straight with internal metric thread

### Contacts:



#### 10-660-0-162G62

Pin contact size 0, 16mm<sup>2</sup>



#### 10-660-0-252G76

Pin contact size 0, 25mm<sup>2</sup>



#### 10-660-0-352G89

Pin contact size 0, 35mm<sup>2</sup>



#### 10-660-0-502G10

Pin contact size 0, 50mm<sup>2</sup>

### Filler plugs:



#### 10-101033-0

Filler plug, size 0