



Circular connectors for power contacts (Series GP)

Indoor, up to 4000VDC/650A, contact size HC650

Item number: GP60-36-P1SN-TAC

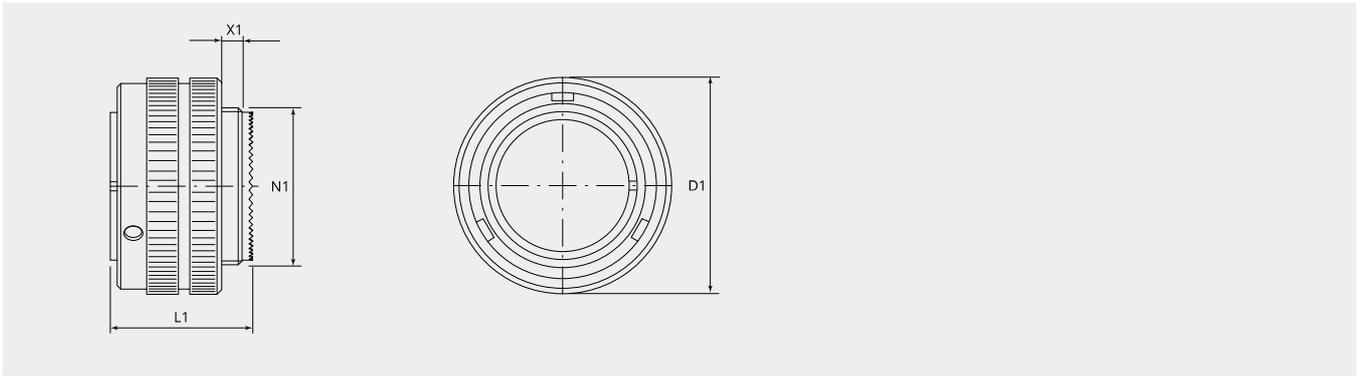
Packing unit: 1

Mechanical properties

| | |
|---------------------------------|--------------------|
| Size: | 36 |
| Contact type: | Socket |
| Coding options: | 4 |
| Shell material: | Aluminum alloy |
| Surface treatment: | Epoxy-polyurethane |
| Type of surface: | varnished |
| Thickness of surface treatment: | 13-16 μ |
| Surface colour: | black |
| Corrosion resistance (h): | 500 |
| Operation temperature: | -55°C - +125°C |
| Temperature shock: | -55°C - +125°C |
| Conductivity (M Ω): | non conductive |
| EMI: | No |
| Material sealing ring: | Silicone |
| Coupling-torque to lock (Nm): | max. 10.0 |
| Coupling-torque to open (Nm): | min. 5.9 |

Thermal properties

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|---------------------------------------|----------------|
| Material contact insert: | Thermoplastic |
| Operating temperature: | -55°C - +150°C |
| Fire protection class DIN EN 45545-2: | R23/HL3 |
| Fire protection class: | S4/SR2/ST2 / - |
| Fire protection class NFF16-101/102: | I3/F0 - I3-F3 |
| Fire protection class UL94: | V0 / - |



Dimensional drawing

| | |
|-----------------|------------------|
| D1 (Ø): | 67.0 |
| L1 (mm): | 38.5 |
| L2 (mm): | 38.5 |
| N1: | 2 1/16"-16 UN 2A |
| X1 (mm): | 11.3 |

Electrical properties

| | |
|-------------------------------------|-----------|
| Operating voltage DC (V): | 2000/4000 |
| Insulation resistance (Ω m): | ≥ 5000 |