

Plug with bayonet coupling nut

Series GS

Item number: GS60-20-11PN-EAA

Packing unit: 1



MECHANICAL PROPERTIES

Size:	20
Contact type:	Pin
Number of contacts:	13
Number of contacts, size 16:	13
Shell material:	Aluminum alloy
Surface:	Zinc
Type of surface:	Passivated
Thickness of surface treatment [μ]:	12-15 μ
Surface colour:	Black
Corrosion resistance [h]:	200
Operation temperature [°C]:	-55 - +90

MECHANICAL PROPERTIES

Temperature shock [°C]: -55 - +125

Conductivity (MΩ): ≤ 0.5

Coupling-torque to lock [Nm]: max. 5.0

Coupling-torque to open [Nm]: min. 1.5

THERMAL PROPERTIES

Material contact insert: Ethylene acrylate GXF

Operating temperature insert [°C]: -55 - +150

ELECTRICAL PROPERTIES

Operating voltage DC [V]: 250

Operating voltage AC [V]: 200

Test voltage AC [V]: 1000

Insulation resistance (mΩ): ≥ 5000

Insulation creepage distance [mm]: ≥ 1.6

Voltage class: MIL-DTL-5015

ELECTRICAL PROPERTIES CONTACTS

Size 16 - rated current (continuous) [A]: 13

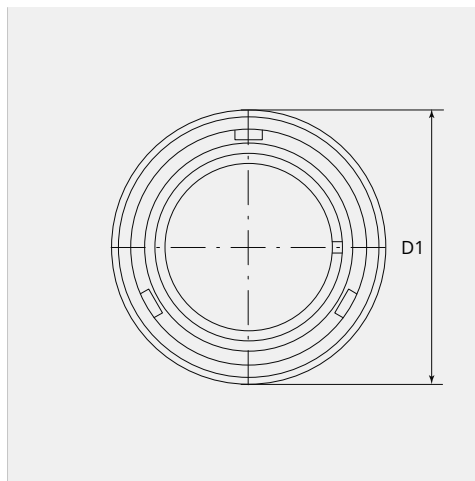
Size 16 - maximum current (short-term) [A]: 22

Size 16 - test current [A]: 20

Fire protection class EN 45545-2:

R23/HL3

DIMENSIONS



DIMENSIONS

D1 Ø [mm]:	40
L1 [mm]:	36.0
N1:	11/8"-18 UNEF 2A
X1 [mm]:	9.0

· Please contact your Gimota partner for other shell materials, surface coatings or contact insert materials.
 Voltage classes tested acc. MIL-DTL-5015 Power transmission verification acc. VG95234 / 2 test 5.10.1 and VG95210 /
 · 37 Corrosion resistance tested acc. MIL 1344A Test 101.1 Temperature shock tested acc. MIL 202F, 107G Method Electrical
 conductivity acc. MIL 1344A, Test 3007