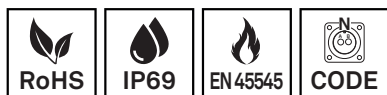


# Plug with bayonet coupling nut

Series GR

Item number: GR60-40-A3PN-EAA

Packing unit: 1



## MECHANICAL PROPERTIES

|                                           |                |
|-------------------------------------------|----------------|
| Size:                                     | 40             |
| Contact type:                             | Pin            |
| Number of contacts:                       | 3              |
| Number of contacts, size 4:               | 3              |
| Shell material:                           | Aluminum alloy |
| Surface:                                  | Zinc           |
| Type of surface:                          | Passivated     |
| Thickness of surface treatment [ $\mu$ ]: | 12-15 $\mu$    |
| Surface colour:                           | Black          |
| Corrosion resistance [h]:                 | 200            |
| Operation temperature [ $^{\circ}$ C]:    | -55 - +90      |

## MECHANICAL PROPERTIES

Temperature shock [°C]: -55 - +125

Conductivity (MΩ): ≤ 0.5

Coupling-torque to lock [Nm]: max. 10.0

Coupling-torque to open [Nm]: min. 5.9

## THERMAL PROPERTIES

Material contact insert: Ethylene acrylate GXF

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

## ELECTRICAL PROPERTIES

Operating voltage AC [V]: 3000

Insulation resistance (MΩ): ≥ 5000

Voltage class: ABB

## ELECTRICAL PROPERTIES CONTACTS

Size 4 - rated current (continuous) [A]: 80

Size 4 - maximum current (short-term) [A]: 135

Size 4 - test current [A]: 110

## STANDARDS

Fire protection class EN 45545-2:

R23/HL3

## DIMENSIONS



## DIMENSIONS

|            |                  |
|------------|------------------|
| D1 Ø [mm]: | 73               |
| L1 [mm]:   | 38.5             |
| N1:        | 2 5/16"-16 UN 2A |
| X1 [mm]:   | 11.3             |

- 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

## Pin contact size 4, 16mm<sup>2</sup>

Item number: 10-660-4-16G10

Product weight (kg): 0.0136 kg

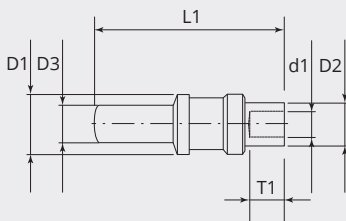
Packing unit:



### MECHANICAL PROPERTIES CONTACTS

|                                   |                      |
|-----------------------------------|----------------------|
| Contact type:                     | Pin                  |
| Maximum current (short-term) [A]: | 135                  |
| Test current [A]:                 | 110                  |
| Rated current (continuous) [A]:   | 80                   |
| Contact Material:                 | CU alloy             |
| Protective layer:                 | Silver plated, 3.5µm |
| Connection type:                  | Crimp                |
| Wire section [mm <sup>2</sup> ]:  | 16                   |
| Wire section [AWG]:               | 4 - 3                |
| Stripping length [mm]:            | 13                   |

## DIMENSIONS



## DIMENSIONS

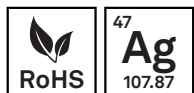
|            |      |
|------------|------|
| D1 Ø [mm]: | 11   |
| D2 Ø [mm]: | 9.3  |
| D3 Ø [mm]: | 5.7  |
| d1 Ø [mm]: | 7    |
| L1 [mm]:   | 41   |
| T1 [mm]:   | 12.2 |

## Pin contact size 4, 16mm<sup>2</sup>

Item number: 10-660-4-16G62

Product weight (kg): 0.0154 kg

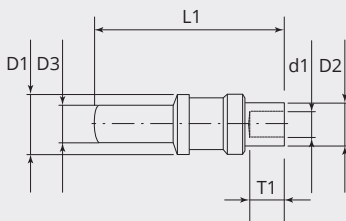
Packing unit:



### MECHANICAL PROPERTIES CONTACTS

|                                   |                      |
|-----------------------------------|----------------------|
| Contact type:                     | Pin                  |
| Maximum current (short-term) [A]: | 135                  |
| Test current [A]:                 | 110                  |
| Rated current (continuous) [A]:   | 80                   |
| Contact Material:                 | CU alloy             |
| Protective layer:                 | Silver plated, 3.5µm |
| Connection type:                  | Crimp                |
| Wire section [mm <sup>2</sup> ]:  | 16                   |
| Stripping length [mm]:            | 13                   |

## DIMENSIONS



## DIMENSIONS

|            |      |
|------------|------|
| D1 Ø [mm]: | 11   |
| D2 Ø [mm]: | 9.3  |
| D3 Ø [mm]: | 5.7  |
| d1 Ø [mm]: | 6.2  |
| L1 [mm]:   | 41   |
| T1 [mm]:   | 12.2 |

## Pin contact size 4, 10mm<sup>2</sup>

Item number: 10-660-4-10G10

Product weight (kg): 0.0127 kg

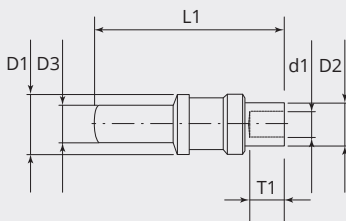
Packing unit:



### MECHANICAL PROPERTIES CONTACTS

|                                  |                      |
|----------------------------------|----------------------|
| Contact type:                    | Pin                  |
| Contact Material:                | CU alloy             |
| Protective layer:                | Silver plated, 3.5µm |
| Connection type:                 | Crimp                |
| Wire section [mm <sup>2</sup> ]: | 10                   |
| Wire section [AWG]:              | 6                    |
| Stripping length [mm]:           | 13                   |

## DIMENSIONS



## DIMENSIONS

|            |      |
|------------|------|
| D1 Ø [mm]: | 11   |
| D2 Ø [mm]: | 6.5  |
| D3 Ø [mm]: | 5.7  |
| d1 Ø [mm]: | 4.6  |
| L1 [mm]:   | 41   |
| T1 [mm]:   | 12.2 |

## Pin contact size 4, 6.0mm<sup>2</sup>

Item number: 10-660-4-6G10

Product weight (kg): 0.012 kg

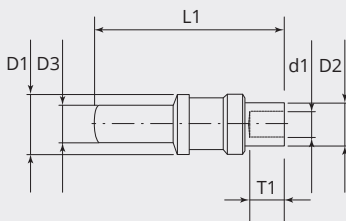
Packing unit:



### MECHANICAL PROPERTIES CONTACTS

|                                   |                      |
|-----------------------------------|----------------------|
| Contact type:                     | Pin                  |
| Maximum current (short-term) [A]: | 135                  |
| Test current [A]:                 | 110                  |
| Rated current (continuous) [A]:   | 80                   |
| Contact Material:                 | CU alloy             |
| Protective layer:                 | Silver plated, 3.5µm |
| Connection type:                  | Crimp                |
| Wire section [mm <sup>2</sup> ]:  | 6                    |
| Wire section [AWG]:               | 8                    |
| Stripping length [mm]:            | 9                    |

## DIMENSIONS



## DIMENSIONS

|            |     |
|------------|-----|
| D1 Ø [mm]: | 11  |
| D2 Ø [mm]: | 5.2 |
| D3 Ø [mm]: | 5.7 |
| d1 Ø [mm]: | 3.6 |
| L1 [mm]:   | 41  |
| T1 [mm]:   | 8.5 |