

# Receptacle with threaded coupling, front panel mount

Series GT

Item number: GT210-40-A4PN-EAC

Packing unit: 1



## MECHANICAL PROPERTIES

|                                           |                    |
|-------------------------------------------|--------------------|
| Size:                                     | 40                 |
| Contact type:                             | Pin                |
| Number of contacts:                       | 4                  |
| Number of contacts, size 0:               | 4                  |
| Shell material:                           | Aluminum alloy     |
| Surface:                                  | Epoxy-polyurethane |
| Type of surface:                          | Varnished          |
| Thickness of surface treatment [ $\mu$ ]: | 13-16 $\mu$        |
| Surface colour:                           | Black              |
| Corrosion resistance [h]:                 | 500                |
| Operation temperature [°C]:               | -55 - +125         |
| Temperature shock [°C]:                   | -55 - +125         |

## MECHANICAL PROPERTIES

|                               |                |
|-------------------------------|----------------|
| Conductivity (MΩ):            | Non conductive |
| EMI:                          | No             |
| 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]:          | 750          |
| Insulation resistance (mΩ):        | ≥ 5000       |
| Voltage class:                     | ABB          |
| Contact numbers:                   | All          |
| Operating voltage DC [V]:          | 1750         |
| Operating voltage AC [V]:          | 1250         |
| Test voltage AC [V]:               | 3500         |
| Insulation resistance (mΩ):        | ≥ 5000       |
| Insulation creepage distance [mm]: | ≥ 6.3        |
| Voltage index:                     | MIL-DTL-5015 |

## ELECTRICAL PROPERTIES CONTACTS

Size 0 - rated current (continuous) [A]: 200

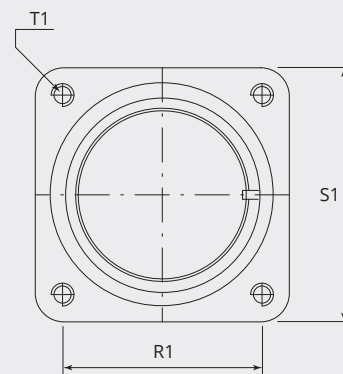
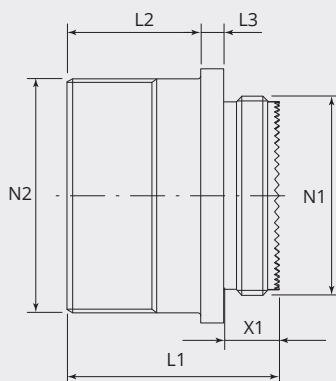
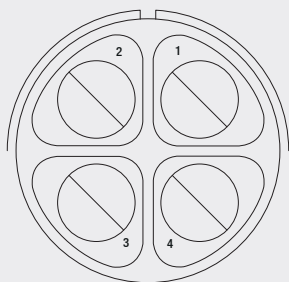
Size 0 - maximum current (short-term) [A]: 300

Size 0 - test current [A]: 240

## STANDARDS

Fire protection class EN 45545-2: R23/HL3

## DIMENSIONS



## DIMENSIONS

D1 Ø [mm]: 66

L1 [mm]: 39.5

L2 [mm]: 24.1

## DIMENSIONS

|          |                  |
|----------|------------------|
| L3 [mm]: | 4.0              |
| N1:      | 2 5/16"-16 UN 2A |
| N2:      | 2 1/2"-16 UN 2A  |
| T1 [mm]: | 4.3              |
| X1 [mm]: | 11.3             |
| S1 [mm]: | 69.8             |
| R1 [mm]: | 55.6             |

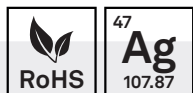
- Please contact your Gimota partner for other shell materials, surface coatings or contact insert materials.
- Voltage classes tested acc. MIL-DTL-5015 Power transmission verification acc. VG95234 / 2 test 5.10.1 and VG95210 / 37
- Corrosion resistance tested acc. MIL 1344A Test 101.1 Temperature shock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

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

Item number: 10-660-0-162G62

Product weight (kg): 0.0334 kg

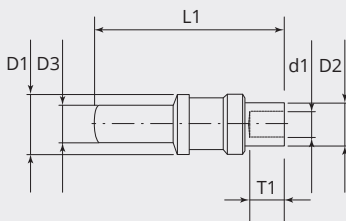
Packing unit:



### MECHANICAL PROPERTIES CONTACTS

|                                   |                      |
|-----------------------------------|----------------------|
| Contact type:                     | Pin                  |
| Maximum current (short-term) [A]: | 245                  |
| Test current [A]:                 | 200                  |
| Rated current (continuous) [A]:   | 150                  |
| Contact Material:                 | CU alloy             |
| Protective layer:                 | Silver plated, 3.5µm |
| Connection type:                  | Crimp                |
| Wire section [mm <sup>2</sup> ]:  | 16                   |
| Stripping length [mm]:            | 17                   |

## DIMENSIONS



## DIMENSIONS

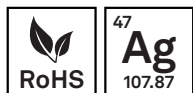
|            |     |
|------------|-----|
| D1 Ø [mm]: | 15  |
| D2 Ø [mm]: | 9.3 |
| D3 Ø [mm]: | 9   |
| d1 Ø [mm]: | 6.2 |
| L1 [mm]:   | 51  |
| T1 [mm]:   | 17  |

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

Item number: 10-660-0-352G89

Product weight (kg): 0.0402 kg

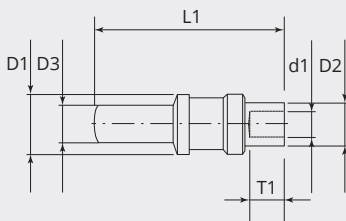
Packing unit:



### MECHANICAL PROPERTIES CONTACTS

|                                   |                      |
|-----------------------------------|----------------------|
| Contact type:                     | Pin                  |
| Maximum current (short-term) [A]: | 245                  |
| Test current [A]:                 | 200                  |
| Rated current (continuous) [A]:   | 150                  |
| Contact Material:                 | CU alloy             |
| Protective layer:                 | Silver plated, 3.5µm |
| Connection type:                  | Crimp                |
| Wire section [mm <sup>2</sup> ]:  | 35                   |
| Wire section [AWG]:               | 2 - 1                |
| Stripping length [mm]:            | 18                   |

## DIMENSIONS



## DIMENSIONS

|            |     |
|------------|-----|
| D1 Ø [mm]: | 15  |
| D2 Ø [mm]: | 13  |
| D3 Ø [mm]: | 9   |
| d1 Ø [mm]: | 8.9 |
| L1 [mm]:   | 53  |
| T1 [mm]:   | 19  |

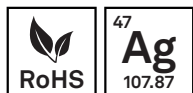


## Pin contact size 0, 25mm<sup>2</sup>

Item number: 10-660-0-252G76

Product weight (kg): 0.0376 kg

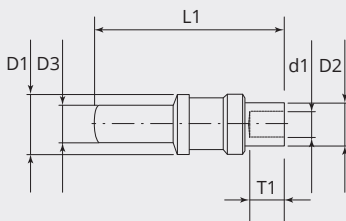
Packing unit:



### MECHANICAL PROPERTIES CONTACTS

|                                   |                      |
|-----------------------------------|----------------------|
| Contact type:                     | Pin                  |
| Maximum current (short-term) [A]: | 245                  |
| Test current [A]:                 | 200                  |
| Rated current (continuous) [A]:   | 150                  |
| Contact Material:                 | CU alloy             |
| Protective layer:                 | Silver plated, 3.5µm |
| Connection type:                  | Crimp                |
| Wire section [mm <sup>2</sup> ]:  | 25                   |
| Stripping length [mm]:            | 18                   |

## DIMENSIONS



## DIMENSIONS

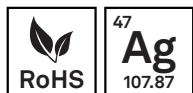
|            |      |
|------------|------|
| D1 Ø [mm]: | 15   |
| D2 Ø [mm]: | 11.7 |
| D3 Ø [mm]: | 9    |
| d1 Ø [mm]: | 7.6  |
| L1 [mm]:   | 52   |
| T1 [mm]:   | 17   |

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

Item number: 10-660-0-502G10

Product weight (kg): 0.0441 kg

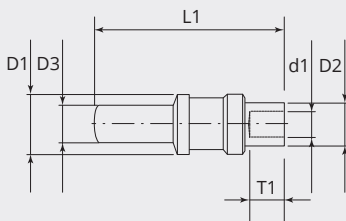
Packing unit:



### MECHANICAL PROPERTIES CONTACTS

|                                   |                      |
|-----------------------------------|----------------------|
| Contact type:                     | Pin                  |
| Maximum current (short-term) [A]: | 245                  |
| Test current [A]:                 | 200                  |
| Rated current (continuous) [A]:   | 150                  |
| Contact Material:                 | CU alloy             |
| Protective layer:                 | Silver plated, 3.5µm |
| Connection type:                  | Crimp                |
| Wire section [mm <sup>2</sup> ]:  | 50                   |
| Wire section [AWG]:               | 0                    |
| Stripping length [mm]:            | 22                   |

## DIMENSIONS



## DIMENSIONS

|            |      |
|------------|------|
| D1 Ø [mm]: | 15   |
| D2 Ø [mm]: | 14.6 |
| D3 Ø [mm]: | 9    |
| d1 Ø [mm]: | 10.5 |
| L1 [mm]:   | 56   |
| T1 [mm]:   | 20.5 |