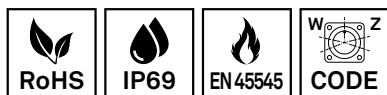


# Plug with bayonet coupling nut

Series GB

Item number: GB60-24-10PN-EAC

Packing unit: 1



## MECHANICAL PROPERTIES

|                                           |                    |
|-------------------------------------------|--------------------|
| Size:                                     | 24                 |
| Contact type:                             | Pin                |
| Number of coding options:                 | 2                  |
| Number of contacts:                       | 7                  |
| Number of contacts, size 8H:              | 7                  |
| 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

Material sealing ring: Silicone

Coupling-torque to lock [Nm]: max. 6.5

Coupling-torque to open [Nm]: min. 2.0

## THERMAL PROPERTIES

Material contact insert: Ethylene acrylate GXF / thermoplastic

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

## ELECTRICAL PROPERTIES

Operating voltage DC [V]: 700

Operating voltage AC [V]: 500

Test voltage AC [V]: 2000

Insulation resistance (mΩ): ≥ 5000

Insulation creepage distance [mm]: ≥ 3.2

Voltage class: MIL-DTL-5015

## ELECTRICAL PROPERTIES CONTACTS

Size 8H - rated current (continuous) [A]: 56

Size 8H - maximum current (short-term) [A]: 90

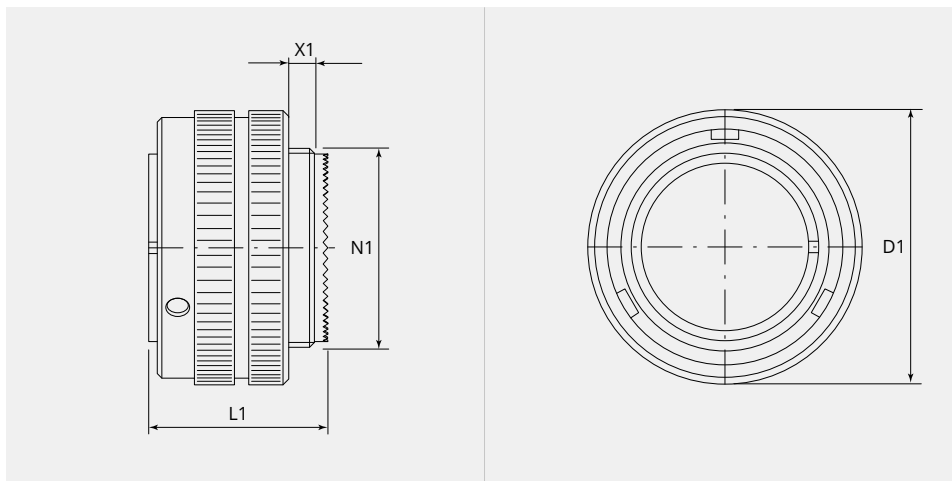
Size 8H - test current [A]: 72

## STANDARDS

Fire protection class EN 45545-2:

R23/HL3

## DIMENSIONS



## DIMENSIONS

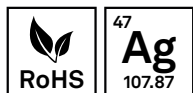
|            |                  |
|------------|------------------|
| D1 Ø [mm]: | 48               |
| L1 [mm]:   | 36               |
| N1:        | 1 3/8-18 UNEF 2A |
| X1 [mm]:   | 9                |

# Pin contact size 8H, 6mm<sup>2</sup>

Item number: 10-40794-38AG

Product weight (kg): 0.0061 kg

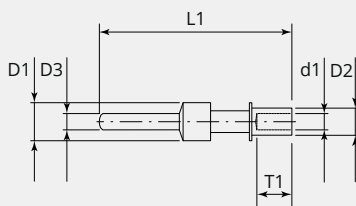
Packing unit:



## MECHANICAL PROPERTIES CONTACTS

|                                   |                      |
|-----------------------------------|----------------------|
| Contact type:                     | Pin                  |
| Maximum current (short-term) [A]: | 90                   |
| Test current [A]:                 | 72                   |
| Rated current (continuous) [A]:   | 56                   |
| Contact Material:                 | CU alloy             |
| Protective layer:                 | Silver plated, 3.5µm |
| Connection type:                  | Crimp                |
| Wire section [mm <sup>2</sup> ]:  | 6                    |
| Wire section [AWG]:               | 10                   |
| Stripping length [mm]:            | 9                    |

## DIMENSIONS



## DIMENSIONS

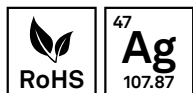
|            |      |
|------------|------|
| D1 Ø [mm]: | 7.8  |
| D2 Ø [mm]: | 5    |
| D3 Ø [mm]: | 3.6  |
| d1 Ø [mm]: | 3.55 |
| L1 [mm]:   | 41   |
| T1 [mm]:   | 8.5  |

## Pin contact size 8H, 1.5mm<sup>2</sup>

Item number: 10-40794-18AG

Product weight (kg): 0.0062 kg

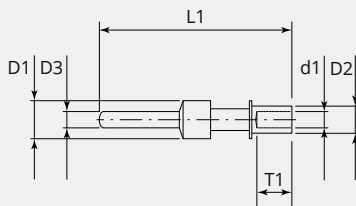
Packing unit:



### MECHANICAL PROPERTIES CONTACTS

|                                   |                      |
|-----------------------------------|----------------------|
| Contact type:                     | Pin                  |
| Maximum current (short-term) [A]: | 90                   |
| Test current [A]:                 | 72                   |
| Rated current (continuous) [A]:   | 56                   |
| Contact Material:                 | CU alloy             |
| Protective layer:                 | Silver plated, 3.5µm |
| Connection type:                  | Crimp                |
| Wire section [mm <sup>2</sup> ]:  | 1.5                  |
| Wire section [AWG]:               | 16                   |
| Stripping length [mm]:            | 9                    |

## DIMENSIONS



## DIMENSIONS

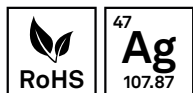
|            |      |
|------------|------|
| D1 Ø [mm]: | 7.8  |
| D2 Ø [mm]: | 4    |
| D3 Ø [mm]: | 3.6  |
| d1 Ø [mm]: | 1.75 |
| L1 [mm]:   | 41   |
| T1 [mm]:   | 8.5  |

# Pin contact size 8H, 10mm<sup>2</sup>

Item number: 10-40794-50AG

Product weight (kg): 0.0066 kg

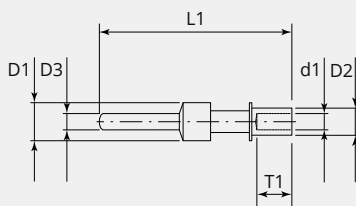
Packing unit:



## MECHANICAL PROPERTIES CONTACTS

|                                   |                      |
|-----------------------------------|----------------------|
| Contact type:                     | Pin                  |
| Maximum current (short-term) [A]: | 90                   |
| Test current [A]:                 | 72                   |
| Rated current (continuous) [A]:   | 56                   |
| Contact Material:                 | CU alloy             |
| Protective layer:                 | Silver plated, 3.5µm |
| Connection type:                  | Crimp                |
| Wire section [mm <sup>2</sup> ]:  | 10                   |
| Wire section [AWG]:               | 8 - 6                |
| Stripping length [mm]:            | 13                   |

## DIMENSIONS



## DIMENSIONS

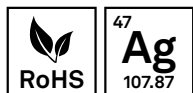
|            |      |
|------------|------|
| D1 Ø [mm]: | 7.8  |
| D2 Ø [mm]: | 6.35 |
| D3 Ø [mm]: | 3.6  |
| d1 Ø [mm]: | 4.6  |
| L1 [mm]:   | 41   |
| T1 [mm]:   | 12.2 |

## Pin contact size 8H, 2.5mm<sup>2</sup>

Item number: 10-40794-22AG

Product weight (kg): 0.006 kg

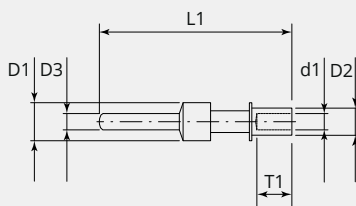
Packing unit:



### MECHANICAL PROPERTIES CONTACTS

|                                   |                      |
|-----------------------------------|----------------------|
| Contact type:                     | Pin                  |
| Maximum current (short-term) [A]: | 90                   |
| Test current [A]:                 | 72                   |
| Rated current (continuous) [A]:   | 56                   |
| Contact Material:                 | CU alloy             |
| Protective layer:                 | Silver plated, 3.5µm |
| Connection type:                  | Crimp                |
| Wire section [mm <sup>2</sup> ]:  | 2.5                  |
| Wire section [AWG]:               | 12                   |
| Stripping length [mm]:            | 9                    |

## DIMENSIONS



## DIMENSIONS

|            |     |
|------------|-----|
| D1 Ø [mm]: | 7.8 |
| D2 Ø [mm]: | 4   |
| D3 Ø [mm]: | 3.6 |
| d1 Ø [mm]: | 2.3 |
| L1 [mm]:   | 41  |
| T1 [mm]:   | 8.5 |