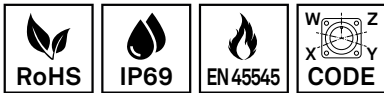


Plug with rubber coated coupling nut, short version

Series GB

Item number: GB603-24-20SN-EAC
Product weight (kg): 0.1068 kg
Packing unit: 1



MECHANICAL PROPERTIES

Size:	24
Contact type:	Socket
Number of coding options:	4
Number of contacts:	11
Number of contacts, size 12:	2
Number of contacts, size 16:	9
Shell material:	Aluminum alloy
Surface:	Epoxy-polyurethane
Type of surface:	Varnished
Thickness of surface treatment [μ]:	13-16 μ
Surface colour:	Black
Corrosion resistance [h]:	500

MECHANICAL PROPERTIES

Operation temperature [°C]:	-55 - +125
Temperature shock [°C]:	-55 - +125
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]:	1250
Operating voltage AC [V]:	900
Test voltage AC [V]:	2800
Insulation resistance (mΩ):	≥ 5000
Insulation creepage distance [mm]:	≥ 4.8
Voltage class:	MIL-DTL-5015

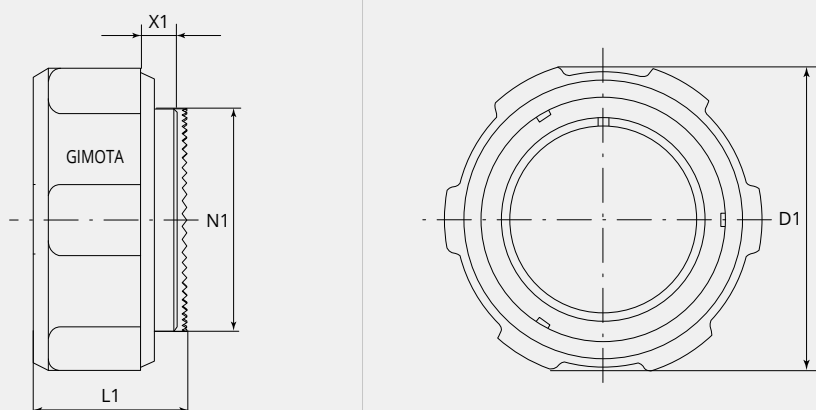
ELECTRICAL PROPERTIES CONTACTS

Size 12 - rated current (continuous) [A]:	23
Size 12 - maximum current (short-term) [A]:	41
Size 12 - test current [A]:	35
Size 16 - rated current (continuous) [A]:	13
Size 16 - maximum current (short-term) [A]:	22
Size 16 - test current [A]:	20

STANDARDS

Fire protection class EN 45545-2:	R23/HL3
-----------------------------------	---------

DIMENSIONS



DIMENSIONS

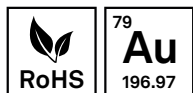
D1 Ø [mm]:	58
L1 [mm]:	36
N1:	1 3/8"-18 UNEF 2A
X1 [mm]:	9

Socket contact size 12, 6.0mm²

Item number: 10-40560-38AU

Product weight (kg): 0.0033 kg

Packing unit:



MECHANICAL PROPERTIES CONTACTS

Contact type:	Socket
---------------	--------

Maximum current (short-term) [A]:	41
-----------------------------------	----

Test current [A]:	35
-------------------	----

Rated current (continuous) [A]:	23
---------------------------------	----

Contact Material:	CU alloy
-------------------	----------

Protective layer:	Gold plated, 0.5µm
-------------------	--------------------

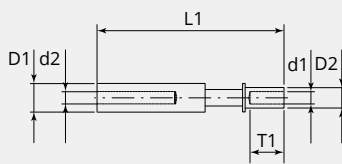
Connection type:	Crimp
------------------	-------

Wire section [mm ²]:	6
----------------------------------	---

Wire section [AWG]:	10
---------------------	----

Stripping length [mm]:	9
------------------------	---

DIMENSIONS



DIMENSIONS

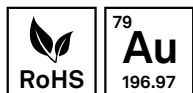
D1 Ø [mm]:	4.8
D2 Ø [mm]:	4.75
d1 Ø [mm]:	3.5
d2 Ø [mm]:	2.4
L1 [mm]:	38
T1 [mm]:	8.5

Socket contact size 16, 1.0mm²

Item number: 10-40556AU

Product weight (kg): 0.0016 kg

Packing unit:



MECHANICAL PROPERTIES CONTACTS

Contact type: Socket

Maximum current (short-term) [A]: 22

Test current [A]: 20

Rated current (continuous) [A]: 13

Contact Material: CU alloy

Protective layer: Gold plated, 0.5μm

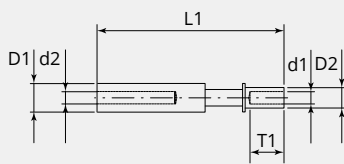
Connection type: Crimp

Wire section [mm²]: 1

Wire section [AWG]: 16

Stripping length [mm]: 7

DIMENSIONS



DIMENSIONS

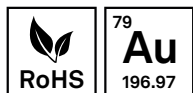
D1 Ø [mm]:	3.1
D2 Ø [mm]:	2.9
d1 Ø [mm]:	1.8
d2 Ø [mm]:	1.6
L1 [mm]:	37
T1 [mm]:	6.4

Socket contact size 12, 0.75 - 1.0mm²

Item number: 10-40560-15AU

Product weight (kg): 0.0032 kg

Packing unit:



MECHANICAL PROPERTIES CONTACTS

Contact type: Socket

Maximum current (short-term) [A]: 41

Test current [A]: 35

Rated current (continuous) [A]: 23

Contact Material: CU alloy

Protective layer: Gold plated, 0.5µm

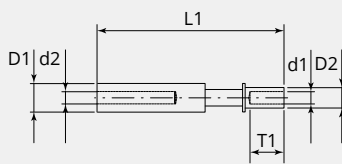
Connection type: Crimp

Wire section [mm²]: 0.75 - 1.0

Wire section [AWG]: 22 - 18

Stripping length [mm]: 9

DIMENSIONS



DIMENSIONS

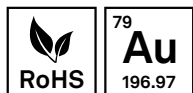
D1 Ø [mm]:	4.8
D2 Ø [mm]:	3.35
d1 Ø [mm]:	1.45
d2 Ø [mm]:	2.4
L1 [mm]:	38
T1 [mm]:	8.5

Socket contact size 12, 2.5mm²

Item number: 10-40560-22AU

Product weight (kg): 0.0033 kg

Packing unit:



MECHANICAL PROPERTIES CONTACTS

Contact type: Socket

Maximum current (short-term) [A]: 41

Test current [A]: 35

Rated current (continuous) [A]: 23

Contact Material: CU alloy

Protective layer: Gold plated, 0.5μm

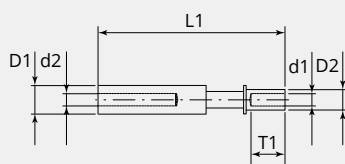
Connection type: Crimp

Wire section [mm²]: 2.5

Wire section [AWG]: 14

Stripping length [mm]: 9

DIMENSIONS



DIMENSIONS

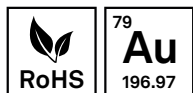
D1 Ø [mm]:	4.8
D2 Ø [mm]:	3.95
d1 Ø [mm]:	2.25
d2 Ø [mm]:	2.4
L1 [mm]:	38
T1 [mm]:	8.5

Socket contact size 16, 0.25 - 0.5mm²

Item number: 10-40556-05AU

Product weight (kg): 0.0002 kg

Packing unit:



MECHANICAL PROPERTIES CONTACTS

Contact type: Socket

Maximum current (short-term) [A]: 22

Test current [A]: 20

Rated current (continuous) [A]: 13

Contact Material: CU alloy

Protective layer: Gold plated, 0.5μm

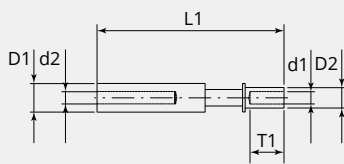
Connection type: Crimp

Wire section [mm²]: 0.25 - 0.5

Wire section [AWG]: 22 - 20

Stripping length [mm]: 7

DIMENSIONS



DIMENSIONS

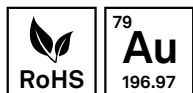
D1 Ø [mm]:	3.1
D2 Ø [mm]:	2.15
d1 Ø [mm]:	1.1
d2 Ø [mm]:	1.6
L1 [mm]:	37
T1 [mm]:	6.4

Socket contact size 12, 0.5mm²

Item number: 10-40560-11AU

Product weight (kg): 0.0031 kg

Packing unit:



MECHANICAL PROPERTIES CONTACTS

Contact type: Socket

Maximum current (short-term) [A]: 41

Test current [A]: 35

Rated current (continuous) [A]: 23

Contact Material: CU alloy

Protective layer: Gold plated, 0.5µm

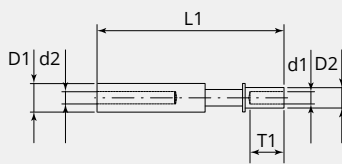
Connection type: Crimp

Wire section [mm²]: 0.5

Wire section [AWG]: 20

Stripping length [mm]: 9

DIMENSIONS



DIMENSIONS

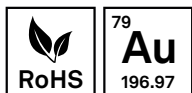
D1 Ø [mm]:	4.8
D2 Ø [mm]:	3
d1 Ø [mm]:	1.1
d2 Ø [mm]:	2.4
L1 [mm]:	38
T1 [mm]:	8.5

Socket contact size 12, 4.0mm²

Item number: 10-40560-30AU

Product weight (kg): 0.0035 kg

Packing unit:



MECHANICAL PROPERTIES CONTACTS

Contact type: Socket

Maximum current (short-term) [A]: 41

Test current [A]: 35

Rated current (continuous) [A]: 23

Contact Material: CU alloy

Protective layer: Gold plated, 0.5µm

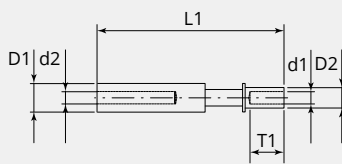
Connection type: Crimp

Wire section [mm²]: 4

Wire section [AWG]: 12 - 10

Stripping length [mm]: 9

DIMENSIONS



DIMENSIONS

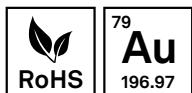
D1 Ø [mm]:	4.8
D2 Ø [mm]:	4.75
d1 Ø [mm]:	2.95
d2 Ø [mm]:	2.4
L1 [mm]:	38
T1 [mm]:	8.5

Socket contact size 16, 1.5mm²

Item number: 10-40556-20-1AU

Product weight (kg): 0.0016 kg

Packing unit:



MECHANICAL PROPERTIES CONTACTS

Contact type: Socket

Maximum current (short-term) [A]: 22

Test current [A]: 20

Rated current (continuous) [A]: 13

Contact Material: CU alloy

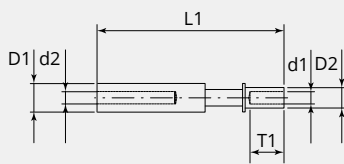
Protective layer: Gold plated, 0.5μm

Connection type: Crimp

Wire section [mm²]: 1.5

Stripping length [mm]: 7

DIMENSIONS



DIMENSIONS

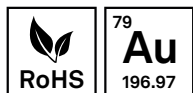
D1 Ø [mm]:	3.1
D2 Ø [mm]:	2.62
d1 Ø [mm]:	1.75
d2 Ø [mm]:	1.6
L1 [mm]:	37
T1 [mm]:	6.4

Socket contact size 16, 0.75mm²

Item number: 10-40556-075AU

Product weight (kg): 0.0015 kg

Packing unit:



MECHANICAL PROPERTIES CONTACTS

Contact type: Socket

Maximum current (short-term) [A]: 22

Test current [A]: 20

Rated current (continuous) [A]: 13

Contact Material: CU alloy

Protective layer: Gold plated, 0.5μm

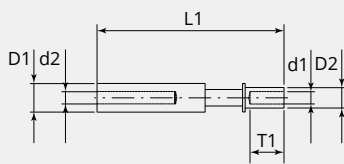
Connection type: Crimp

Wire section [mm²]: 0.75

Wire section [AWG]: 18

Stripping length [mm]: 7

DIMENSIONS



DIMENSIONS

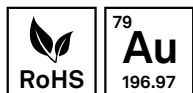
D1 Ø [mm]:	3.1
D2 Ø [mm]:	2.2
d1 Ø [mm]:	1.35
d2 Ø [mm]:	1.6
L1 [mm]:	37
T1 [mm]:	6.4

Socket contact size 12, 1.5mm²

Item number: 10-40560-18AU

Product weight (kg): 0.0033 kg

Packing unit:



MECHANICAL PROPERTIES CONTACTS

Contact type: Socket

Maximum current (short-term) [A]: 41

Test current [A]: 35

Rated current (continuous) [A]: 23

Contact Material: CU alloy

Protective layer: Gold plated, 0.5µm

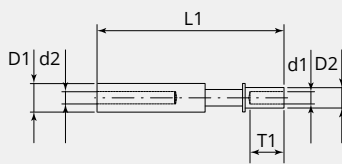
Connection type: Crimp

Wire section [mm²]: 1.5

Wire section [AWG]: 18 - 16

Stripping length [mm]: 9

DIMENSIONS



DIMENSIONS

D1 Ø [mm]:	4.8
D2 Ø [mm]:	3.95
d1 Ø [mm]:	1.75
d2 Ø [mm]:	2.4
L1 [mm]:	38
T1 [mm]:	8.5