# SUT 6.3x32 Pigtail

www.schurter.com/PG01_2

Axial Lead Fuse, 6.3x32 mm, low resistance, up to 30 A

new

UL 248-14 · 250 V · Time-Lag T

## Description
- Up to 30 A, low resistance
- Ceramic Tube

## Standards
- UL 248-14
- CSA C22.2 no. 248.14

## Approvals
- UL File Number: E184831

## Applications
- Single-phase high current applications up to 30 A
- Industrial electronic

## References
Packaging Details

## Weblinks
pdf-datasheet, html-datasheet, General Product Information, Approvals, CE declaration of conformity, RoHS, CHINA-RoHS, e-Shop, SCHURTER-Stock-Check, Distributor-Stock-Check, Detailed request for product

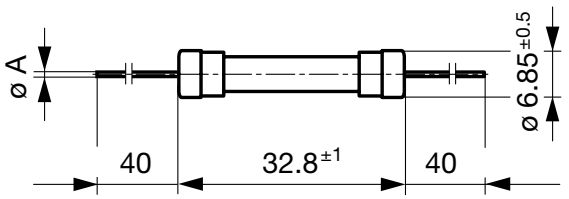
## Technical Data

| | |
|---|---|
| Rated Voltage | 250 V |
| Rated current | 12 - 30 A |
| Breaking Capacity | 500 A |
| Characteristic | Time-Lag T |
| Admissible Ambient Air Temp. | -40 °C to 85 °C |
| Climatic Category | 40/085/21 acc. to IEC 60068-1 |
| Material: Tube | Ceramic |
| Material: Endcaps | Nickel-Plated Brass |
| Material: Axial Leads | Tin-Plated Copper |
| Material: Filler | Sand |
| Unit Weight | 3.9 g |
| Storage Conditions | 0 °C to 60 °C, max. 70% r.h. |
| Product Marking | , Type, Current, Dielectric strength, Approvals |

| | |
|---|---|
| Soldering Methods | Wave, Iron |
| Solderability | 235 °C / 2 sec acc. to IEC 60068-2-20, Test Ta, method 1 |
| Resistance to Soldering Heat | 260 °C / 5 sec acc. to IEC 60068-2-20, Test Tb, method 1A |

## Dimensions

6.3 mm




In = 12 A: ØA = 0.8 mm
In ≥ 15 A: ØA = 1.0 mm

## Pre-Arcing Time

| Rated Current In | 1.0 x In min. | 1.35 x In max. | 2.0 x In min. | 2.0 x In max. |
|---|---|---|---|---|
| 12 A - 30 A | 4 h | 60 min | 5 s | 60 s |

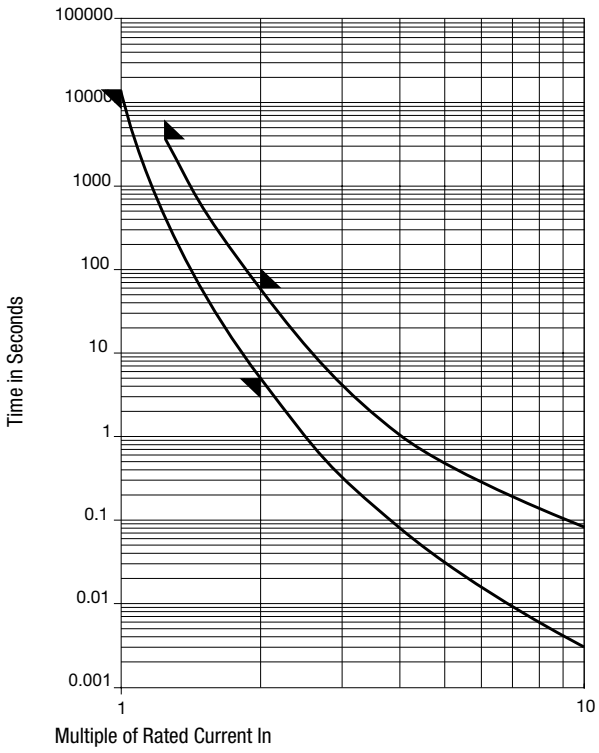
## Variants

| Rated Current [A] | Rated Voltage [VAC] | Breaking Capacity | Voltage Drop 1.0 In typ. [mV] | Cold Resistance typ. [mΩ] | Melting I²t 10.0 Intyp. [A²s] | c UL us | Order Number |
|---|---|---|---|---|---|---|---|
| 12 | 250 | 1) | 78 | 5.6 | 72 | ● | 8020.0603.PT |
| 15 | 250 | 1) | 81 | 4.7 | 152 | ● | 8020.0604.PT |
| 20 | 250 | 1) | 87 | 3.6 | 750 | ● | 8020.0605.PT |
| 25 | 250 | 1) | 62 | 2.1 | 1010 | ● | 8020.0606.PT |
| 30 | 250 | 1) | 64 | 1.8 | 2050 | ● | 8020.0607.PT |

1) 500 A @ 250 VAC, 10 kA @ 125 VAC

**Packaging Unit** Bulk (1000 pcs.)

## Time-Current-Curves

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