

Miniature Fuse, 5 x 20 mm, Time-Lag T, L, 250 VAC



IEC 60127-2 · 250 VAC · Time-Lag T



Description

- IEC Standard Fuse
- L = Low Breaking Capacity (Glass Tube)

Standards

- IEC 60127-2/3
- UL 248-14
- CSA C22.2 no. 248.14

Approvals

- VDE Certificate Number: 40016601
- UL File Number: E41599

Applications

- Primary Protection in Equipment


References

Pigtail Type [FST 5x20 Pigtail](#)
Assembled Fuseholder [OGN-SMD](#)
Fuse Kit [Fuse Kit 5x20](#)

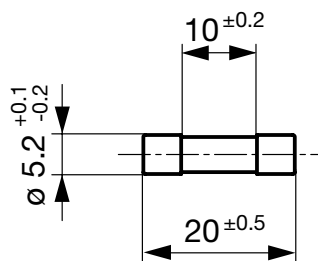
Weblinks

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

Technical Data

| | |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Rated Voltage | 250 VAC |
| Rated current | 0.02 - 20 A |
| Breaking Capacity | 35 A - 125 A |
| Characteristic | Time-Lag T |
| Admissible Ambient Air Temp. | -55 °C to 125 °C |
| Climatic Category | 55/125/21 acc. to IEC 60068-1 |
| Material: Tube | Glass |
| Material: Endcaps | Nickel-Plated Copper Alloy |
| Unit Weight | 1 g |
| Storage Conditions | 0 °C to 60 °C, max. 70% r.h. |
| Product Marking |  Rated current, Rated voltage, Characteristic, Breaking Capacity, Approvals |

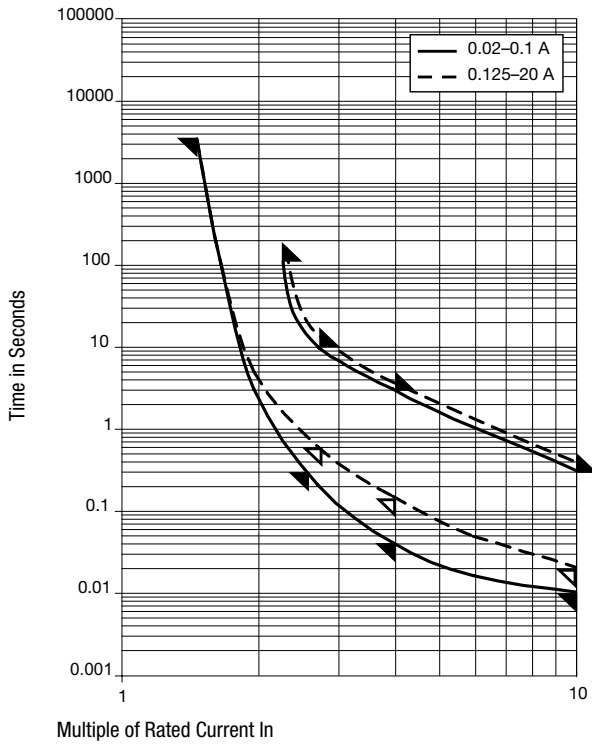
Dimension









Pre-Arcing Time







| Rated Current I _n | 1.5 x I _n min. | 2.1 x I _n max. | 2.75 x I _n min. | 2.75 x I _n max. | 4.0 x I _n min. | 4.0 x I _n max. | 10.0 x I _n min. | 10.0 x I _n max. |
|------------------------------|---------------------------|---------------------------|----------------------------|----------------------------|---------------------------|---------------------------|----------------------------|----------------------------|
| 0.02 A | 60 min | - | - | - | 40 ms | 3 s | 10 ms | 300 ms |
| 0.032 A - 0.1 A | 60 min | 120 s | 200 ms | 10 s | 40 ms | 3 s | 10 ms | 300 ms |
| 0.125 A - 6.3 A | 60 min | 120 s | 600 ms | 10 s | 150 ms | 3 s | 20 ms | 300 ms |
| 8 A - 20 A | 30 min | 120 s | 600 ms | 10 s | 150 ms | 3 s | 20 ms | 300 ms |

Time-Current-Curves



All Variants

| Rated Current [A] | Rated Voltage [VAC] | Breaking Capacity | Voltage Drop 1.0 I _n max. [mV] | Voltage Drop 1.0 I _n typ. [mV] | Power Dissipation 1.5 I _n max. [mW] | Power Dissipation 1.5 I _n typ. [mW] | Melting I ² t 10.0 I _n typ. [A ² s] |       | Order Number |
|-------------------|---------------------|-------------------|-------------------------------------------|-------------------------------------------|------------------------------------------------|------------------------------------------------|----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| 0.02 | 250 | 1) | - | 2700 | - | 100 | 0.0012 | | 0034.3101 |
| 0.032 | 250 | 1) | 5000 | 3000 | 1600 | 200 | 0.0019 | ● | 0034.3102 |
| 0.04 | 250 | 1) | 4000 | 2100 | 1600 | 200 | 0.0027 | ● ● ● | 0034.3103 |
| 0.05 | 250 | 1) | 3500 | 950 | 1600 | 125 | 0.0363 | ● ● ● | 0034.3104 |
| 0.063 | 250 | 1) | 3000 | 1300 | 1600 | 200 | 0.0401 | ● ● ● | 0034.3105 |
| 0.08 | 250 | 1) | 3000 | 1100 | 1600 | 300 | 0.057 | ● ● ● | 0034.3106 |
| 0.1 | 250 | 1) | 2500 | 565 | 1600 | 155 | 0.107 | ● ● ● | 0034.3107 |
| 0.125 | 250 | 1) | 2000 | 400 | 1600 | 200 | 0.064 | ● ● ● | 0034.3108 |
| 0.16 | 250 | 1) | 1900 | 415 | 1600 | 185 | 0.23 | ● ● ● | 0034.3109 |
| 0.2 | 250 | 1) | 1500 | 270 | 1600 | 200 | 0.256 | ● ● ● | 0034.3110 |
| 0.25 | 250 | 1) | 1300 | 210 | 1600 | 200 | 0.238 | ● ● ● | 0034.3111 |
| 0.315 | 250 | 1) | 1100 | 170 | 1600 | 200 | 0.544 | ● ● ● | 0034.3112 |
| 0.4 | 250 | 1) | 1000 | 150 | 1600 | 200 | 0.768 | ● ● ● | 0034.3113 |
| 0.5 | 250 | 1) | 900 | 160 | 1600 | 200 | 3 | ● ● ● | 0034.3114 |
| 0.63 | 250 | 1) | 300 | 160 | 1600 | 300 | 4.35 | ● ● ● | 0034.3115 |
| 0.8 | 250 | 1) | 250 | 120 | 1600 | 300 | 3.85 | ● ● ● | 0034.3116 |
| 1 | 250 | 1) | 150 | 60 | 1600 | 200 | 3.3 | ● ● ● ● | 0034.3117 |
| 1.25 | 250 | 1) | 150 | 60 | 1600 | 300 | 5.5 | ● ● ● ● | 0034.3118 |
| 1.6 | 250 | 1) | 150 | 60 | 1600 | 300 | 10.5 | ● ● ● ● | 0034.3119 |
| 2 | 250 | 1) | 150 | 60 | 1600 | 300 | 16 | ● ● ● ● | 0034.3120 |

| Rated Current [A] | Rated Voltage [VAC] | Breaking Capacity | Voltage Drop 1.0 I _n max. [mV] | Voltage Drop 1.0 I _n typ. [mV] | Power Dissipation 1.5 I _n max. [mW] | Power Dissipation 1.5 I _n typ. [mW] | Melting I ² t 10.0 Intyp. [A ² s] |  |  |  |  |  |  | Order Number |
|-------------------|---------------------|-------------------|-------------------------------------------|-------------------------------------------|------------------------------------------------|------------------------------------------------|---------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------|
| 2.5 | 250 | 1) | 120 | 60 | 1600 | 400 | 21.9 | ● | ● | ● | ● | ● | ● | 0034.3121 |
| 3.15 | 250 | 1) | 100 | 60 | 1600 | 500 | 47 | ● | ● | ● | ● | ● | ● | 0034.3122 |
| 4 | 250 | 2) | 100 | 60 | 1600 | 800 | 68.3 | ● | ● | ● | ● | ● | ● | 0034.3123 |
| 5 | 250 | 2) | 100 | 60 | 1600 | 900 | 102 | ● | ● | ● | ● | ● | ● | 0034.3124 |
| 6.3 | 250 | 2) | 100 | 60 | 1600 | 1000 | 190 | ● | ● | ● | ● | ● | ● | 0034.3125 |
| 8 | 250 | 2) | 100 | 60 | 4000 | 1300 | 275 | ● | ● | ● | ● | ● | ● | 0034.3126 |
| 10 | 250 | 2) | 100 | 60 | 4000 | 1300 | 520 | ● | ● | ● | ● | ● | ● | 0034.3127 |
| 12.5 | 250 | 3) | - | 60 | - | 2500 | 750 | ● | ● | ● | ● | ● | ● | 0034.3128 |
| 16 | 250 | 3) | - | 60 | - | 3300 | 1638 | ● | ● | ● | ● | ● | ● | 0034.3129 |
| 20 | 250 | 3) | - | 60 | - | 4200 | 3057 | ● | ● | ● | ● | ● | ● | 0034.3130 |

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1) 35 A @ 250 VAC

2) 10 In @ 250 VAC

3) 125 A @ 250 VAC

| | | |
|-----------------------|-------------|-----------------------------------|
| Packaging Unit | xxxx.xxxx | Small Box Pack (10 pcs.) |
| | xxxx.xxxx.G | Bulk 128 x 91 x 60 mm (1000 pcs.) |

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