

## 5x7.6mm No. A400

This product is not recommended for new designs. Please refer to Littelfuse series SL1003.



## 3-electrode (5kA/5A)

### Mini Series

### Features

- Non-radioactive
- Lead Free
- For limited space applications
- Smallest 3-electrode Gas tube
- Failsafe Option

### Applications

- Telecommunication
- Data Transmission
- Underground cables
- Distribution units

### Standard

- complies to ITU-T K.12 (formerly CCITT)
- complies to UL-497B
- complies to DIN 57845/VDE 0845

### WebLinks

#### Further info see:

- [http://www.wickmanngroup.com/download/orderinfo\\_surgearr.pdf](http://www.wickmanngroup.com/download/orderinfo_surgearr.pdf)
- [http://www.wickmanngroup.com/download/crossref\\_surgearr.pdf](http://www.wickmanngroup.com/download/crossref_surgearr.pdf)

## Specifications

### Packaging

- A400: 00=Bulk (1.000 pcs.)
- A400F: 00=Bulk (500 pcs)

### Materials

- Housing: Ceramic
- Gas: non-radioactive
- Leads: tin plated

### Arc Voltage @ 1A

~ 10V

### Transition Glow to Arc @

~ 1.0A

### Operating temperature

-40°C to +90°C

### Climatic Category

- complies to IEC 60068-1
- +40°C, 21 days, <93% humidity

### Marking

Type, Nom. Voltage, Date

### Unit Weight

ca. 0.8g



### Characteristics

Type/ Order Code	DC sparkover voltage	Tolerance	Impulse sparkover voltage (1kV/μs) typ.	Glow Voltage	Insulation Resistance (@100 Vdc or @50Vdc for 90V) E1/M;E2/M	Capacitance (@1MHZ) E1/M;E2/M	8/20μs Nominal Impulse Discharge Current (10 times) E1+E2/M	10/350μs Nominal Impulse Discharge Current (1 time) E1+E2/M	AC Nominal Discharge Current (50Hz; 1s; (10 times) E1+E2/M	Transverse Delay Time (μs)
A400 S0 0090 01 00	90V	+/- 20%	< 600V	~ 60V	> 1GΩ	< 1.5 pF	5kA	2.5kA	5A	< 0.2
A400 S0 0230 01 00 A400 F0 0230 01 00*	230V	+/- 20%	< 700V	~ 60V	> 1GΩ	< 1.5 pF	5kA	2.5kA	5A	< 0.2
A400 S0 0350 01 00	350V	+/- 20%	< 850V	~ 60V	> 1GΩ	< 1.5 pF	5kA	2.5kA	5A	< 0.2

other values on request

\* with failsafe

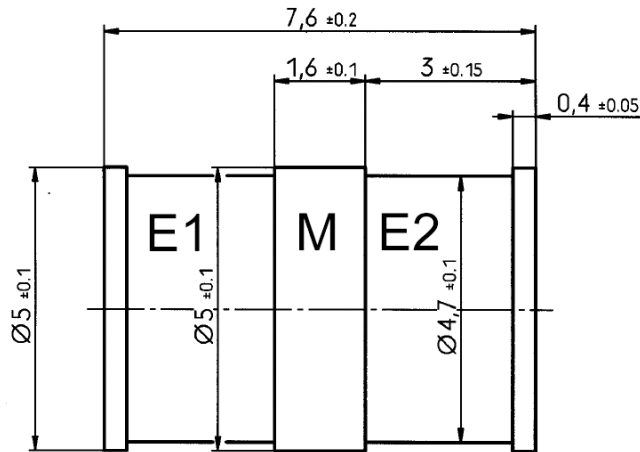
Specifications are subject to change without notice.

Order  
Example

Qty.	Order- Number	Type	Failsafe Option	Sparkover Volt.	Tolerance	Packaging
		A400	S0	0090	01	00

## Dimensions (mm) A400

### A400 SO



### A400 FO

