

GAS DISCHARGE TUBE



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/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 FO 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.

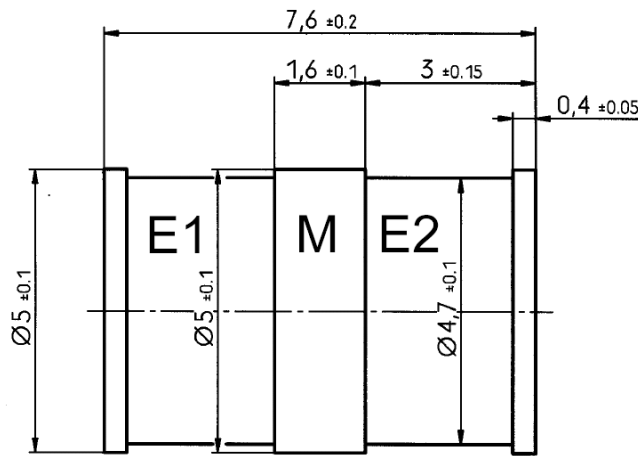
Order Example

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



Dimensions (mm) A400

A400 SO



A400 FO

