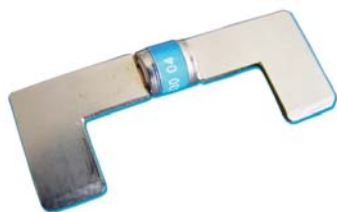


8x20mm No. A821



2-electrode (20kA/20A) High Discharge Current Series

Features

Non-radioactive
Lead Free
Insertable in holders 416 and 740

Applications

Telecommunication
Data Transmission
Industry

Standard

complies to UL-497B
complies to ITU-T K.12 (formerly CCITT)
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

A821: 00=Bulk (100 pcs.)

Materials

Housing: Ceramic
Gas: non-radioactive

Arc Voltage @ 1A

~ 10V

Transition Glow to Arc

@ ~ 0.5A

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. 8g



RoHS



Characteristics

Type/ Order Code	DC sparkover voltage	Tolerance	Impulse sparkover voltage (1kV/μs) typ.	Glow Voltage	Insulation Resistance (@100 Vdc or @50Vdc for 90V)	Capacitance (@1MHZ)	8/20μs Nominal Impulse Discharge Current (10 times)	8/20μs Single Impulse Discharge Current (1 time)	AC Nominal Discharge Current (50Hz; 1s; (10 times)	AC Alternating Discharge Current (50Hz; 9 cycles)
A821 S0 0090 01 00	90V	+/- 20%	< 550V	~ 60V	> 10GΩ	< 1.5 pF	20kA	25kA	20A	100A
A821 S0 0230 01 00	230V	+/- 20%	< 600V	~ 60V	> 10GΩ	< 1.5 pF	20kA	25kA	20A	100A
A821 S0 0350 01 00	350V	+/- 20%	< 700V	~ 60V	> 10GΩ	< 1.5 pF	20kA	25kA	20A	100A

other values on request

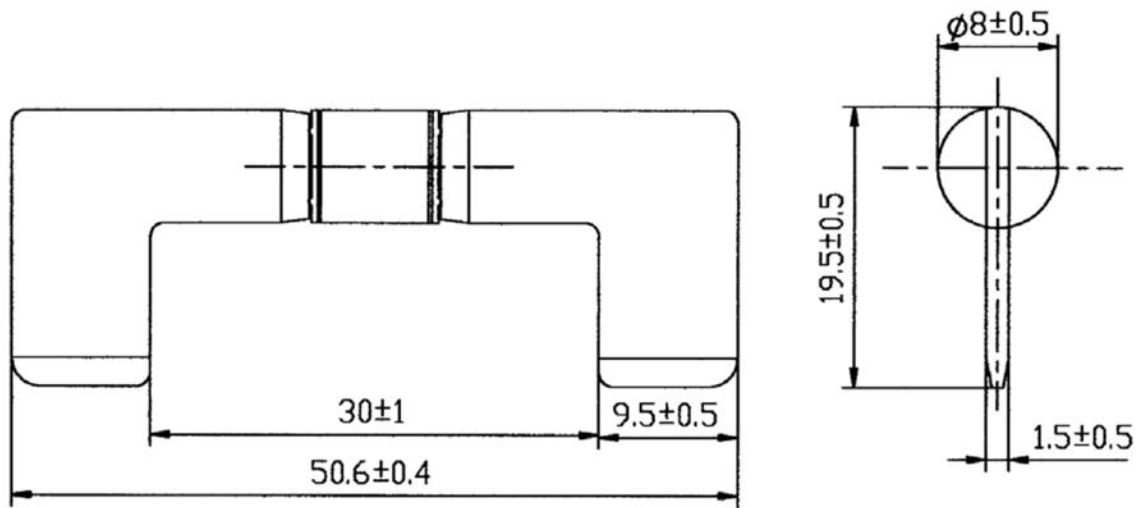
Specifications are subject
to change without notice.

Order
Example

Qty.	Order- Number	Type	Failsafe Option	Sparkover Volt.	Tolerance	Packaging
		A821	S0	0230	01	00

Dimensions (mm) A821

A821



nickel-plated