

12x17 mm No. **A870**



2-electrode GDT Class C Protection Level TT mains

Features

Non-radioactive
Lead Free

Applications

Building Entrance Protection
Basestation

WebLinks

Further info see:

http://www.wickmanngroup.com/download/orderinfo_surgearr.pdf
http://www.wickmanngroup.com/download/crossref_surgearr.pdf

Specifications

Packaging

A870: 00=Bulk (25 pcs.)

Materials

Housing: Ceramic
Gas: non-radioactive


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. 7 g



RoHS



Characteristics

Type/ Order Code	DC sparkover voltage	Impulse sparkover voltage * (5kV/μs) typ.	Insulation Resistance (@100 Vdc)	Capacitance	Nominal Impulse Discharge Current (8/20 μs)	Nominal Impulse Discharge Current (10/350 μs)	Max. follow on current @ 250 V _{RMS} 20 times
A870 S0 0500 00 00	500 V - 850 V	< 1300 V	> 1 GΩ	< 2.5 pF	15 times @ 40 kA + 1 time @ 6 kA + 1 time @ 15 kA + 1 time @ 30 kA + 1 time @ 45 kA + 1 time @ 60 kA	1 time @ 1.2 kA + 1 time @ 3 kA + 1 time @ 6 kA + 1 time @ 12 kA	140 A peak
A870 S0 0800 00 00	600 V - 1000 V	<1300 V	> 1 GΩ	< 2.5 pF	15 times @ 20 kA	1 time @ 7.6 kA + 1 time @ 9 kA + 1 time @ 12 kA + 1 time @ 20 kA (8/20 μs)	100 A peak

Order
Example

Qty.	Order- Number	Type	Failsafe Option	Sparkover Volt.	Tolerance	Packaging
		A870	S0	500	00	00

Dimensions (mm) A870

A870

