

**1. Specifications of Copper Arc Thyatron Switch**

**Quantity Required: 4 Nos.**

Type: Cold cathode pseudospark

Peak anode voltage (forward): 25kV

Operating voltage range: 3 – 20kV DC

Peak anode current:  $\geq 200\text{kA}$

Jitter:  $< 3\text{-}4\text{ ns}$

No. of electrodes : 04 Nos. (anode-A, cathode-K, trigger-T & heater-H)

Shot life:  $\geq 1 \times 10^4$  Coulombs (total switched charge)

Construction: Sealed stacked ceramic metal envelope

**Quantity Required: 2 Nos.**

Type: Cold cathode pseudospark

Max. Peak anode voltage (forward): 50kV

Operating voltage range: 5 – 45kV DC

Peak anode current:  $\geq 250\text{kA}$

Jitter:  $< 3\text{-}4\text{ ns}$

No. of electrodes : 04 Nos. (anode-A, cathode-K, trigger-T & heater-H)

Shot life:  $\geq 1 \times 10^4$  Coulombs (total switched charge)

Construction: Sealed stacked ceramic metal envelope

**Note:**

1. Quotation should be accompanied by point-to-point compliance statement with technical specifications. The detailed brochure must also be enclosed.
  2. At the time of delivery, if any non-compliance with technical specifications is detected, the indenter reserves the right to summarily reject the material.
  3. Warranty of minimum 1 year should be provided from the date of acceptance of the material.
-