

10-way Register Or Indicator Tube

GR 10 A

(CV5291)

Limit Ratings

Minimum anode to cathode voltage to ensure breakdown (normal room illumination)	129 V ←
Maximum voltage across tube and 500 kΩ resistors to ensure tube extinguishes	105 V ←
Maximum potential difference between any two cathodes (Cathode resistors min. value of 300 kΩ)	120 V ←
Maximum total anode current	250 μA
Minimum total anode current	50 μA

Characteristics

Running voltage at 60 μA	108 V approx.
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Recommended Operating Conditions

Anode current	60 μA
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To ensure correct operation the cathode potential must change by a voltage V_o where :—

$$\begin{aligned}V_o &> V_s - V_x \\ &> 129-105, \text{ i.e., 24 volts} \\ V_s &= \text{Striking voltage} \\ V_x &= \text{Extinction voltage}\end{aligned}$$

N.B. ← Indicates a change from previous data sheets.

