

Limit Ratings

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

Characteristics

Running voltage at 60 μ A	108 V approx.
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Recommended Operating Conditions

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

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

$$V_s = \text{Striking voltage}$$

$$V_x = \text{Extinction voltage}$$

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



GR 10 A

(CV5291)

10-way Register Or Indicator Tube

Mechanical Data

Mounting position

Any.

The tube is viewed through the dome of the bulb.

Alignment

Cathode No. 2 is aligned with pin No. 11 to an accuracy of $\pm 12^\circ$.

Weight

50 g.

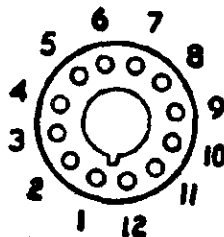
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N.80977.

Base

Duodecal.

Base Connections
(underside view)



Pin	1	Cathode	1
	2	"	0
	3	"	9
	4	"	8
	5	"	7
	6	"	6
	7	"	5
	8	"	4
	9	"	3
	10	"	2
	11	—	
	12	Anode	

