



ELECTRONIC TUBE REFERENCE

240N

Specialized - Radiation Counter electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

GEIGERMULLERCOUNTER

General survey Geiger-Müller counter for alpha, beta, and gamma radiation. Broad radiation sensitivity makes it suitable for multipurpose survey meters and laboratory detection instruments.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	— / —	PARALLEL HEATER	— / —
HEATING	Indirect; cold cathode	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 GeigerMullerCounter

No fixed ratings recorded.

Cold-cathode Geiger/counter tube. Counter operating, plateau, sensitivity and dead-time data are preserved as parameters; ordinary thermionic promoted fields are not applicable.

Long-cathode neon/halogen Geiger counter providing gamma sensitivity plus alpha and beta sensitivity through its thin mica window.

SOURCE OPERATING CONDITIONS

1953 Amperex

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1953 AMPEREX

Section 1 · GeigerMullerCounter

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Operating voltage	850 V	—
Starting voltage maximum	800 V	—
Maximum counting rate	1700 counts/s	—

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plateau length minimum	150 V	—
Dead time approximate	100 us	—
Gas filling	Neon plus halogen admixture	—