

ELECTRONIC TUBE REFERENCE

UA245B

Specialized - Switching Tube electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
SURGEPROTECTOR

Pre-ionized inert-gas surge arrester for telecommunication and signalling systems, designed to provide reliable protection against lightning and earth-return overvoltages.

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

SECTION1 SurgeProtector
No fixed ratings recorded.
Published electrical characteristics preserved in parameter rows; regulator-specific fields promoted where applicable.

Inert-gas surge arrester with effective pre-ionization for protecting telecommunication and signalling systems from lightning and earth-return overvoltages.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1962 Cerberus

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

1962 CERBERUS

Section 1 · SurgeProtector

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Static breakdown voltage	215–275 V	—
Dynamic breakdown voltage	—800 V	Pulse 2 kV - 1/50
AC shunting current	20 A	1 s, 50 Hz
Surge current	10 kA	Pulse 15/50

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Glow sustaining voltage	110 V	—
Arc sustaining voltage	25 V	—

CAPACITANCE

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Capacitance	4 pF	—

TUBE TINKER

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and their source documents.

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