

British CV designation associated with the 833A transmitting triode. Rated for approximately 400 W plate dissipation and 4 kV plate voltage, providing substantial RF power for transmitter and industrial-heating applications.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	10 V / 10 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
TRANSCONDUCTANCE	0.004 S
AMPLIFICATION FACTOR	35
MAXIMUM PLATE VOLTAGE	4000 V
MAXIMUM PLATE DISSIPATION	400 W
MAXIMUM GRID DISSIPATION	20 W
MAXIMUM CATHODE CURRENT	3 A
Applicable promoted fields mapped semantically from the printed ratings; device-specific electrical limits and operating conditions are preserved densely in TUBE_SECTION_PARAMETER.	

CV635 designation printed with 833A on the STC sheet.

SOURCE OPERATING CONDITIONS

1962 ITT

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

1962 ITT

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Transconductance	0.004 A/V	—
Grid-Anode Capacitance	6.3 pF	—
Grid-Filament Capacitance	12.3 pF	—
Anode-Filament Capacitance	8.5 pF	—
RF Frequency Full Rating Maximum	30 MHz	—
RF Reduced Rating Maximum	75 MHz	—
Typical RF Output Power	1000 W	ClassC