

RECTIFIER

DESCRIPTION

The Nucor tube type 371B was designed for operation in high voltage rectifier circuits where ambient temperatures and inverse voltage requirements preclude the use of mercury vapor or gas filled diodes. The tube is rugged physically and has adequate overload capacity for use in industrial circuits.

SPECIFICATIONS

ELECTRICAL

Filament Thoriated tungsten
Filament voltage 5.0 volts ac
Filament current 10.3 amperes
Peak inverse voltage 25,000 volts max.
Peak anode current 1.5 amperes max.
Average anode current 0.300 ampere

PHYSICAL

Overall length 8.75 inches max.
Overall diameter 2.31 inches max.
Cap Small metal (C1-1) with ceramic insulator
Base A4-29 jumbo 4 pin bayonet
Weight 5¾ ounces
Type of cooling Radiation (air)

OPERATING NOTES

Mount the Nucor tube type 371B vertically with adequate air space for ventilation. Anode temperature should not exceed 800°C. The base fits a standard "50 watt," 4 pin, bayonet socket. Connect the base shell and unused base pins to one filament terminal in the socket.



