



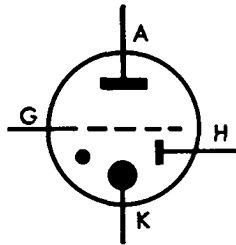
Arcotron BT 31

Type	BT 31	
Nr.	10.31	
Ed.	3.62	Fol. 1

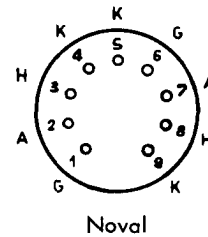
Leistungsschaltröhre mit kalter Kathode und thyatronähnlicher Charakteristik. Speisung mit 220 V Wechselspannung oder 300 V Gleichspannung. Zulässiger Dauerstrom 0,3 A.

Tube commutateur de puissance à cathode froide et caractéristique similaire à celle d'un thyatron. Alimentation en courant alternatif de 220 V ou 300 V continu. Courant permanent 0,3 A.

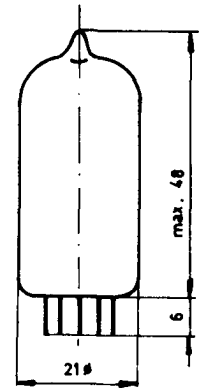
Power switching tube with cold cathode and similar characteristic to that of a thyatron. AC anode voltage supply 220 V or 300 V DC. Mean current 0,3 A.



K: Kathode
Cathode
H: Hilfsanode
Anode auxiliaire
Auxiliary anode
A: Anode
G: Steuergitter
Grille de commande
Control grid



Noval



KENNDATEN; GRENZBETRIEBSDATEN

Anodenzündspannung
($V_G = -25$ V)
Hilfsanodenzündspannung
Bogenspannung A-K
Bogenspannung H-K
(bei $I_H > 20$ mA
linearer Mittelwert)
Kathoden-Dauerstrom
Kathoden-Spitzenstrom
Gitterspannung
negative Anodenspannung

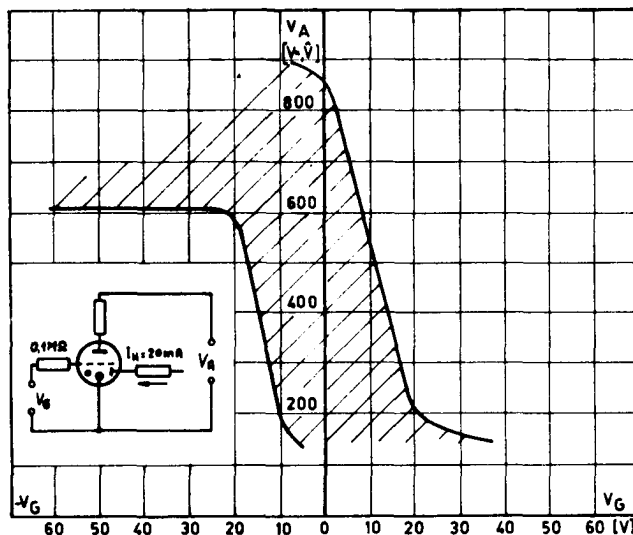
CARACTERISTIQUES; LIMITES D'OPERATION

Tension d'amorçage anodique
($V_G = -25$ V)
Tension d'amorçage de
l'anode auxiliaire
Tension d'arc A-K
Tension d'arc H-K
(pour $I_H > 20$ mA
moyenne linéaire)
Courant cathodique permanent
Courant cathodique de pointe
Polarisation de la grille
Tension anodique négative

CHARACTERISTICS; LIMITING VALUES

Anode breakdown voltage
($V_G = -25$ V)
Auxiliary anode
breakdown voltage
Arc voltage A-K
Arc voltage H-K
($I_H > 20$ mA
linear mean value)
Permanent cathode current
Peak cathode current
Grid bias voltage
Inverse anode voltage
 V_{ZA} 600 V min
 V_{ZH} 250 V max
 V_{arc} 20 V
 V_{arcH} 25 V
 I_K 0,3 A
 I_{Kpeak} 10 A
 V_G -100 V max
 $V_{Apeak inv.}$ 600 V max

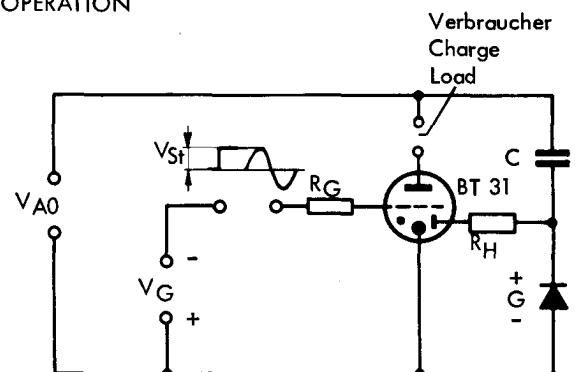
STEUERKENNLINIE CARACTERISTIQUE DE COMMANDE CONTROL CHARACTERISTIC



Hauptanwendung: Steuerung von Magnetventilen.

MONTAGE in beliebiger Lage.

TYPISCHE BETRIEBSDATEN OPERATION TYPIQUE TYPICAL OPERATION



V_{A0} 220 V~
 R_H 5 k Ω , 10 W
 R_G 10 k Ω - 1 M Ω
 V_G ca 25 V

V_{St} ≥ 50 V
 C 2 μ F
 G 700 V, 60 mA
(E 250 C 85)

Application principale: Commande d'électro-vannes.

MONTAGE en toute position.

Main application: Control of solenoid valves.

MOUNTING in any position.