

A 441N

PHILIPS „MINIWATT“

Heizspannung	V_f	= 4,0 V
Tension de chauffage		
Filament voltage		
Heizstrom	I_f	= ca.
Courant de chauffage		= env. 0,08 A
Filament current		appr.
Anodenspannung	$V_{a \max}$	= 100 V
Tension anodique		
Anode voltage		
Hilfsgitterspannung	V_g^I	= 4 V
Tension auxiliaire de grille		
Auxiliary grid voltage		
Normaler Anodenstrom	I_a	= 4 mA
Courant anodique normal		
Normal anode current		
Neg. Gittervorspannung	V_g	= 0 V
Polarisation négative de grille		
Negative grid bias		
Steilheit (norm.)	$S_{g \text{ norm}}$	= 0,3 mA/V
Inclinaison (norm.)		
Slope (norm.)		
Steilheit (norm.)	$S_{g^I \text{ norm}}$	= 1,0 mA/V
Inclinaison (norm.)		
Slope (norm.)		
Max. Länge	l	= 92 mm
Longueur max.		
Overall length		
Grösster Durchmesser	d	= 46 mm
Diamètre max.		
Max. diameter		
Sockel		= A 35b
Culot		
Base		
Sockelschaltung		= S VI
Connexion du culot		
Base connection		
Anwendung: Oszillator-Modulator		
Application: Oscillateur-modulateur		
Function: Oscillator-modulator		

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$V_f = 4,0V$
 $V_{a\max} = 100V$
 $I_a = 4mA$
 $S_{gnorm} = 0,3mA/V$
 $S'_{gnorm} = 1,0mA/V$

6 I_a (mA)

5

4

3

2

1

$V_a = 100V$ $V_g' = 4V$

$V_a = 100V$ $V_g = 0V$

$V_a = 100V$

V_g
 V_g'

-24 -20 -16 -12 -8 -4 0 4 8

