

E 441N

PHILIPS „MINIWATT“

Heizspannung	V_f	= 4,0 V
Tension de chauffage		
Filament voltage		
Heizstrom	I_f	ca.
Courant de chauffage		= env. 1,0 A
Filament current		appr.
Anodenspannung	V_a max.	= 100 V
Tension anodique		
Anode voltage		
Hilfsgitterspannung	V_{g2}	= 0 V
Tension auxiliaire de grille		
Auxiliary-grid voltage		
Normaler Anodenstrom	I_a	= 1,7 mA
Courant anodique normal		
Normal anode current		
Neg. Gittervorspannung	V_{g1}	= 0 V
Polarisation négative de grille		
Negative grid bias		
Steilheit (norm.)	$S_{\text{norm.}}$	= 0,1 mA/V
Inclinaison (norm.)		
Slope (norm.)		
Steilheit (norm.)	$S_{g2 \text{ norm}}$	= 1,0 mA/V
Inclinaison (norm.)		
Slope (norm.)		
Max. Länge	l	= 95 mm
Longueur max.		
Overall length		
Grösster Durchmesser	d	= 45 mm
Diamètre max.		
Max. diameter		
Sockel		= 0,35b
Culot		
Base		
Sockelschaltung		= S XII
Connexion du culot		
Base connection		

Anwendung: Oszillator-Modulator
Application: Oscillateur-modulateur
Function: Oscillator-modulator

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$V_f = 4,0 \text{ V}$
 $V_{a\max} = 100 \text{ V}$
 $V_{g'} = 0 \text{ V}$
 $I_a = 1,7 \text{ mA}$
 $S_{gnorm} = 0,1 \text{ mA/V}$
 $S_{gnorm} = 1,0 \text{ mA/V}$

3 $I_a (\text{mA})$

2

$V_a = 100 \text{ V} \quad V_{g'} = 0 \text{ V}$

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V_g
 $V_{g'}$

-30 -25 -20 -15 -10 -5 0 5 10

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Heizspannung	V_f	= 4,0 V
Tension de chauffage		
Filament voltage		
Heizstrom	I_f	ca. = env. 1,0 A
Courant de chauffage		
Filament current		appr.
Anodenspannung	$V_{a \max.}$	= 100 V
Tension anodique		
Anode voltage		
Hilfgitterspannung	V_g	= 0 V
Tension auxiliaire de grille		
Auxiliary-grid voltage		
Normaler Anodenstrom	I_a	= 1,7 mA
Courant anodique normal		
Normal anode current		
Neg. Gittervorspannung	V_g	= 0 V
Polarisation négative de grille		
Negative grid bias		
Steilheit (norm.)	S_g	$S_{g \text{ norm}} = 0,1 \text{ mA/V}$
Inclinaison (norm.)		
Slope (norm.)		
Steilheit (norm.)	S_g	$S_{g' \text{ norm}} = 1,0 \text{ mA/V}$
Inclinaison (norm.)		
Slope (norm.)		
Max. Länge	l	= 95 mm
Longueur max.		
Overall length		
Grösster Durchmesser	d	= 45 mm
Diamètre max.		
Max. diameter		
Sockel		= 035b
Culot		
Base		
Sockelschaltung		= S XII
Connexion du culot		
Base connection		

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$V_f = 4,0 \text{ V}$
 $V_{a \max} = 100 \text{ V}$
 $V_{g'} = 0 \text{ V}$
 $I_a = 1,7 \text{ mA}$
 $S_{g \text{ norm}} = 0,1 \text{ mA/V}$
 $S_{g \text{ norm}} = 1,0 \text{ mA/V}$

3 $I_a (\text{mA})$

2

