



Catálogo de Produtos

Eletrical amplifier type VT-2000

Amplifier type VT—2000 is a proportional power amplifier.

It basically consists of:

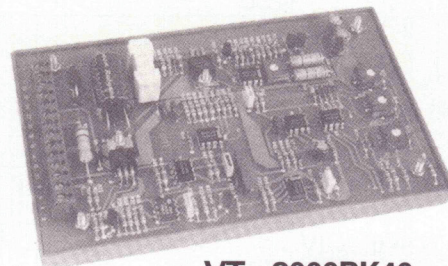
- Voltage stabiliser
- Differential motion and potentiometer for pre-setting of input signals
- Controllable constant current generator
- Ramp generator
- 200Hz Oscillator
- Separately adjustable for upward and downward ramps

Suitable card holders

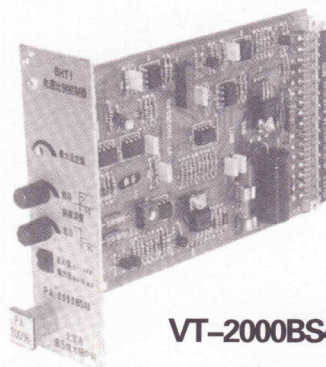
VT—3002 RC 29916

VT—1516 RC 29915

VT—1700 RC 29917



VT—2000BK40



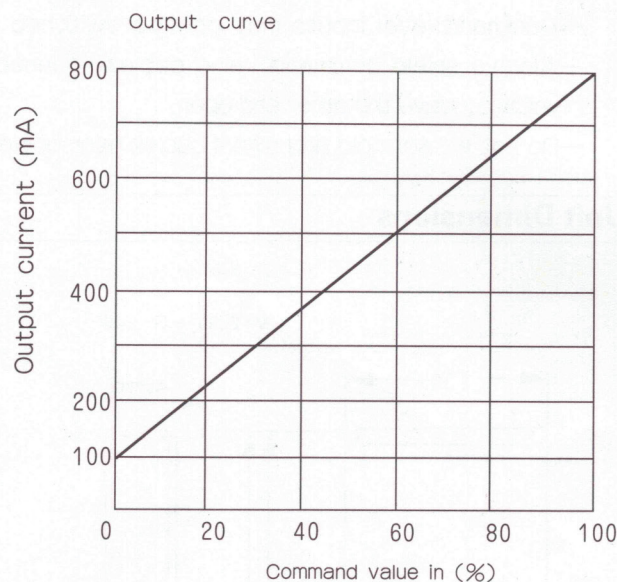
VT—2000BS40

Technical data

Weight	approx. 0.15kg	
Supply voltage		
Full bridge rectifier	$24V_{\text{eff}} \pm 10\%$	
Three phase bridge rectifier	$24V\text{--}35V_{\text{eff}}$	
Power requirement	30VA	
Fuse wire	1A	
Control voltage	Differential input	0~10V
	Potential input	0~9V
The min. load resistance for control voltage	500Ω	
Max. output current	800mA	
Max. load resistance	30Ω	
Pilot current	100mA	
Oscillation current	$200mA_{\text{ss}}$	
The frequency of oscillation current	200Hz	
Ambient temperature	0 up to 45°C	
Temperature drift	$0.8mA/^{\circ}C$	

For further details, please consult us!

Output characteristic curve



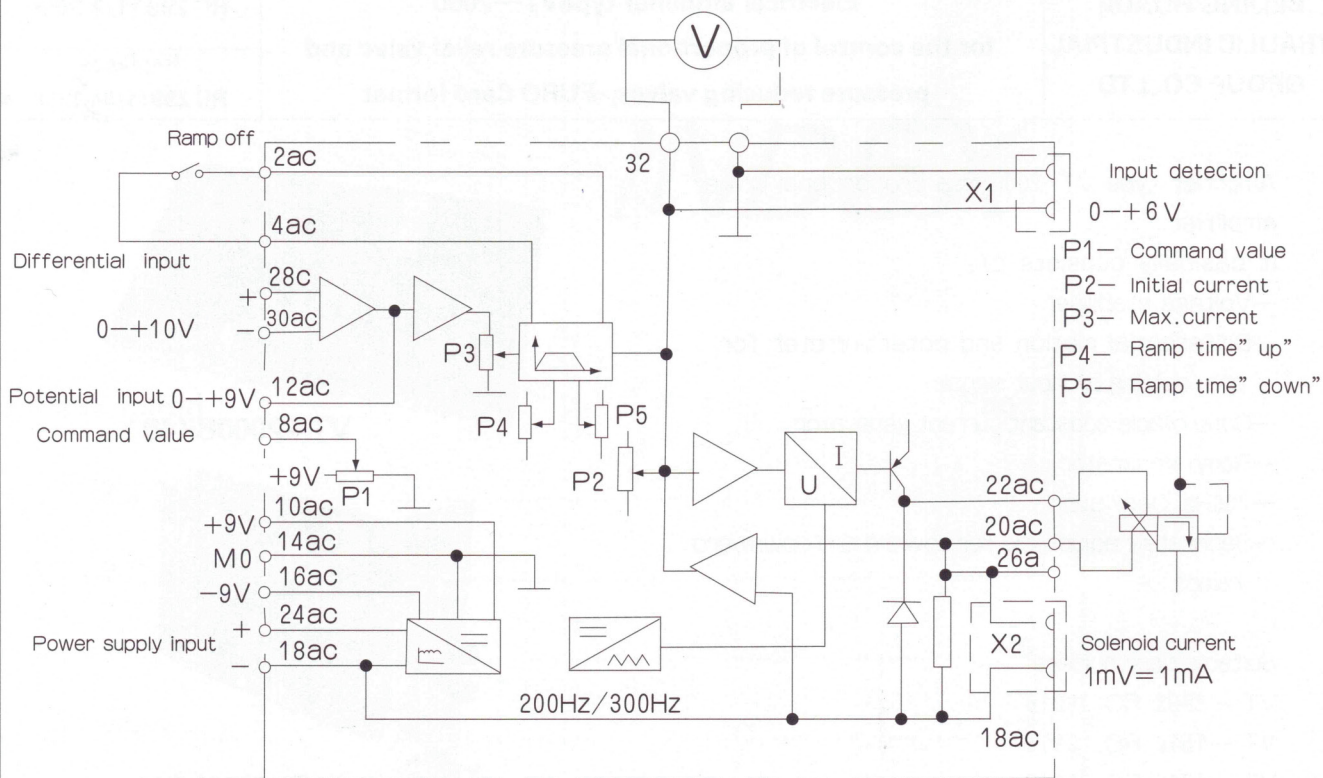
Ordering code

VT-2000		4X	*
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Bare terminal = BK
32 pin linear plug as per DIN41612 = BS
(EURO card format)

Further details in clear text

4X= 40-49 series
(40-49=the amounting dimension remains unchanged)

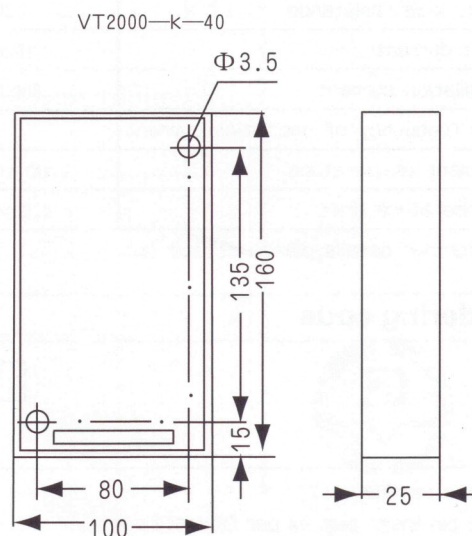
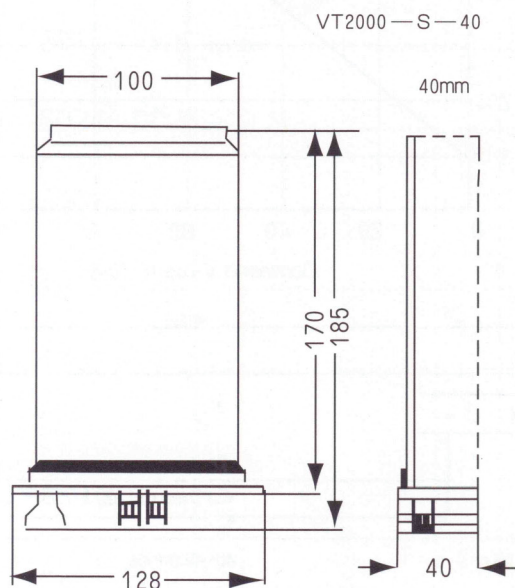


Scheme 1 VT-2000BS / BK40 Circuit diagram

- The amplifier card may only be plugged or unplugged when the power is off!
- Measurements to be made with a high resistance meter set on the voltage range!
- Do not connect measuring zero(M0)to 0V operating voltage!
- The distance to aerial lines, radio sources and radar equipment must be at least 1 meter
- Command level inputs may only be switched with contacts suitable for current of <1mA!
- Always shield command value cables; connect the shield on the card side to the 0V operating voltage, leave the other end open.
- Do not lay solenoid and signal cables near power cables.

Unit Dimensions

(dimensions in mm)



ANNOTATIONS :

HUADE AMÉRICA

CEP : 03162-020

RUA HIPÓDROMO 1445 – MOOCA, SÃO PAULO, SP, BRASIL

TEL : (11) 3186-5959

huade@huade.com.br

www.huade.com.br