



## Catálogo de Produtos

**Electrical amplifier type VT-3017/3018**

**BEIJING HUADE  
HYDRAULIC INDUSTRIAL  
GROUP CO.,LTD**

**Electronic amplifier type VT—3017/3018 series 30, for the  
control of direct operated proportional directional valve**

**RC29939/9.2006**

**Replaces  
RC 29939/04.1998**

Amplifier type VT—3017 and VT—3018 are used for controlling direct operated proportional directional valves as follows:

Valves type 4WRA6....

Valves type 4WRA10....

They basically consist of:

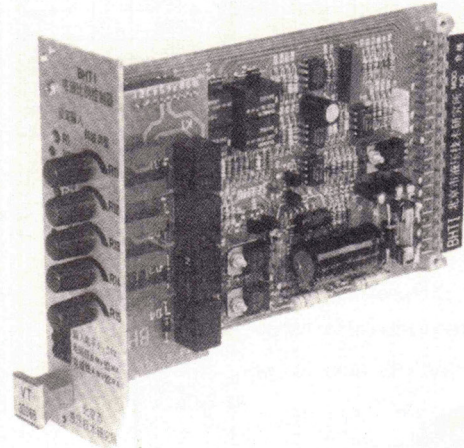
- Voltage stabiliser
- 4 potentiometers for pre—setting of input signals
- Relais for selecting the input signals
- Ramp generator with 5 ramp times
- Function generator
- Differential amplifier input
- 2 pulse width modulated output stages

Suitable card holders

VT—3002 RC 29916

VT—1516 RC 29915

VT—1700 RC 29917



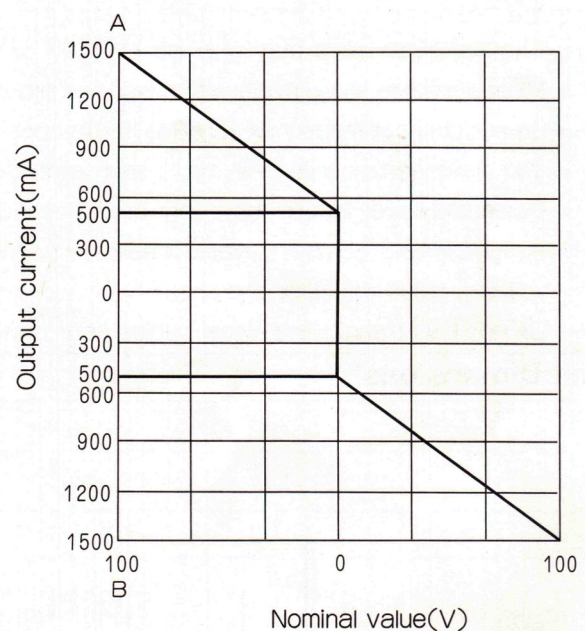
**VT 3017 S 30**

**Technical data**

Weight	0.2kg	
Supply voltage		
Full bridge rectifier	24V <sub>eff</sub> ± 10%	
Three phase bridge rectifier	24V–35V <sub>eff</sub>	
Power requirement	40VA	
Fuse wire	2.5AmpM	
<b>Control voltage</b>	Potentiometers pre—setting input	0 ~ ± 9V
	Differential input	0 ~ ± 10V
The min.load resistance for control voltage	500 Ω	
Max.output current	1500mA	
Pilot current	50mA	
Max. load resistance	16 Ω	
Ambient temperature	0 up to 75°C	
Space requirement	40mm	
Temperature drift	0.75mA/°C	

For further details, please consult us!

**Output characteristic curve**



**Ordering code**

VT-30 BS 30'/\_1 \*

for valve type 4WRA 6.... = 17  
for valve type 4WRA10.... = 18

32 pin linear plug as per DIN41612 =S  
(EURO card format)

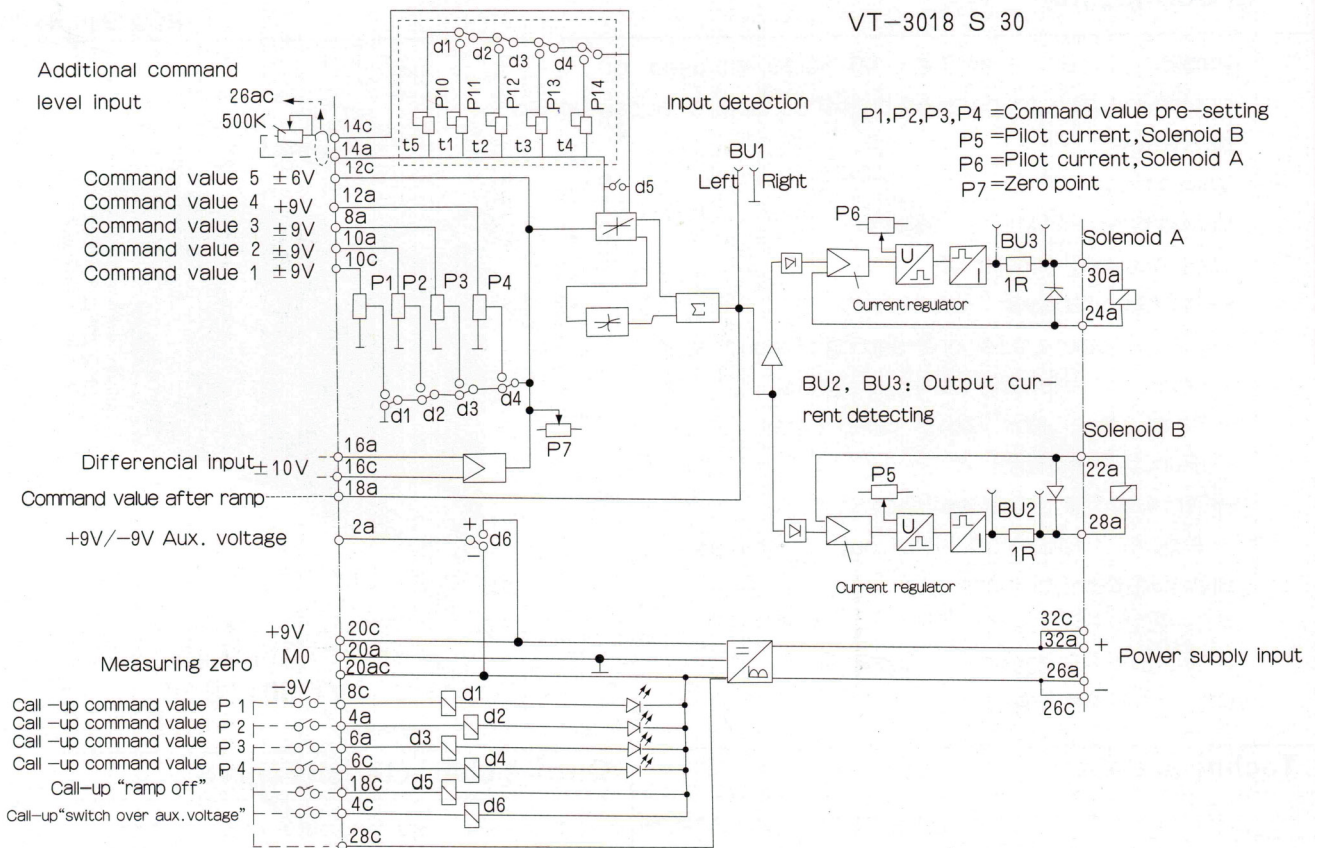
Further details in clear text

R1 = Max.ramp time 1<sub>sec</sub>  
R5 = Max.ramp time 5<sub>sec</sub>

30 = 30 Series  
(30–39=the amounting dimension remains unchanged)

# Terminal connection

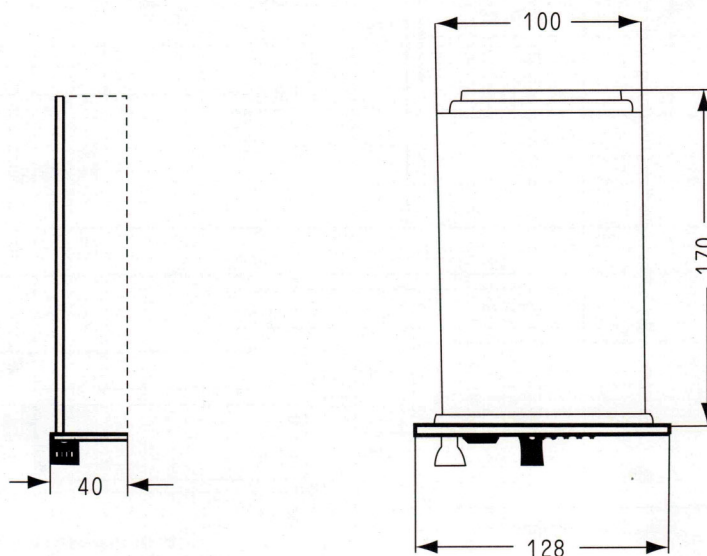
VT-3017 S 30  
VT-3018 S 30



- 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](mailto:huade@huade.com.br)

[www.huade.com.br](http://www.huade.com.br)