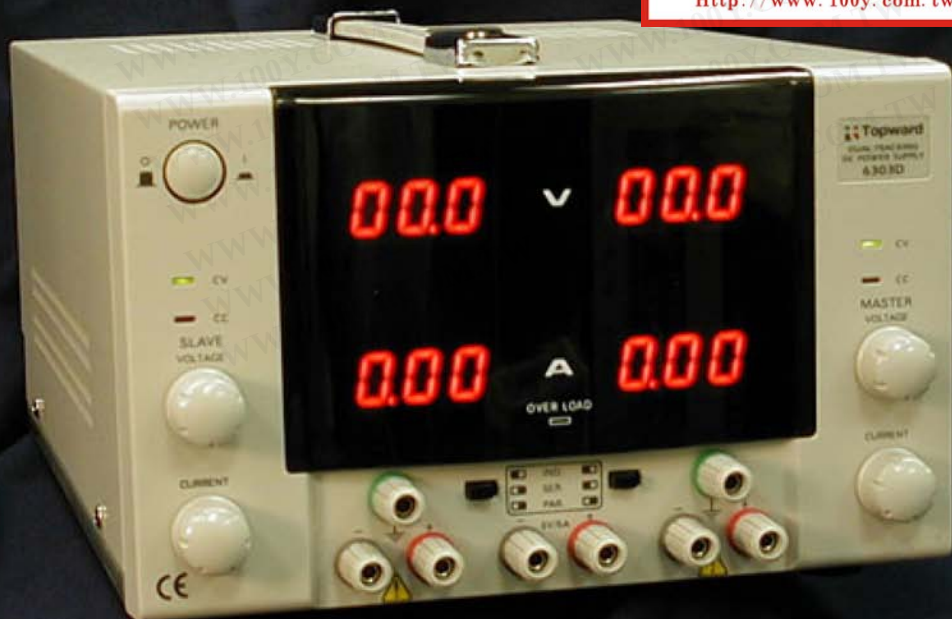




勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-54151736
 勝特力电子(深圳) 86-755-83298787
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6000 SERIES SYSTEM POWER SUPPLY

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- 4 Built-In Analogue/Digital Displays.
- Constant Voltage/Current.
- Series/Parallel Available with Other Sets.
- Short Circuit/External Input Protection.
- Auto Series/Parallel Selectable.
- Additional 5V/5A Fixed Output.

- Master/Slave Selectable.
- Output Voltage Controllable by External Variable Voltage or Resistance.
- Output Current Controllable by External Variable Voltage or Resistance.
- Voltage/Current Readback Available.

Specification

	6000 Series	6000 Series (Remote Series)
CONSTANT VOLTAGE Load Regulation Line Regulation Ripple & Noise ($\leq 200W$) Ripple & Noise ($\geq 200W$)	$\pm 0.01\% + 2mV$ $\pm 0.01\% + 2mV$ $0.5mVrms$ $1mVrms$	$\pm 0.01\% + 2mV$ $\pm 0.01\% + 2mV$ $1mVrms$ $1mVrms$
CONSTANT CURRENT Load Regulation ($\leq 200W$) Load Regulation ($\geq 200W$) Line Regulation Ripple & Noise ($\leq 200W$) Ripple & Noise ($\geq 200W$)	$10mA$ $15mA$ $\pm 0.01\% + 2mA$ $1mA_{rms}$ $3mA_{rms}$	$10mA$ $15mA$ $\pm 0.01\% + 2mA$ $1mA_{rms}$ $3mA_{rms}$
DISPLAY ACCURACY Analog Display (A) Digital Display (D)	Full Scale 3% $\leq 0.1\% + 2d$	
PROGRAMMING SPEED Rise Time (No Load) (Load) Fall Time (No Load) (Load)	$100mS$ $200mS (<6A), \leq 500mS (<10A), \leq 1S (\geq 10A)$ $2.5 S$ $250mS$	
OUTPUT IMPEDANCE	$< 2m\Omega + 2uH$	
RECOVERY TIME	$\leq 100uS$ To Within 0.1% of Set Voltage (50% TO 100% Load Change)	
FUNCTIONS Series Connection Parallel Connection Master - Slave	Different Models Can Be Connected In Series ($\leq 240V$) Same Model Can Be Connected In Parallel ($\leq 24A$) YES (For Single-Set Operation), N/A (For Multi-Set Connection)	Different Models Can Be Connected In Series ($\leq 240V$) Same Model Can Be Connected In Parallel ($\leq 24A$) YES (For Single-Set Operation), YES (For Multi-Set Connection)
REMOTE CONTROL Voltage Programmable By External DC Voltage By External Resistance Current Programmable By External DC Voltage By External Resistance	N/A	0 to 10V Control 0 to Voltage-Setting 0 to 10K Ω Control 0 to Maximum-Voltage 0 to 10V Control 0 to Current-Setting 0 to 10K Ω Control 0 to Maximum-Voltage
TRACKING OPERATION TRACKING ERROR SERIES REGULATION	$\pm 0.2\% + 10mV$ $\pm 0.3\% + 10mV$	
5V FIX OUTPUT Load Regulation Line Regulation Ripple & Noise Voltage Accuracy Output Current	$10mV$ $5mV$ $2mVrms$ $5V \pm 0.25V$ $5A$	
VOLTAGE/CURRENT READBACK AVAILABLE Voltage/Current Readback Voltage: Voltage Readback Current Readback	N/A	0 to 10V For Full Scale Voltage 0 to 0.3V Proportional to Output Current
OPERATION MODE Independent Series Parallel	Two Independent Outputs and 5V Fixed Output Output From 0 to Rating Volts and 0 to Rating Amperes Output From 0 to $\pm$ Rating Volts at Rating Amperes Output From 0 to Double Rating Volts at Rating Amperes Output From 0 to Double Rating Ampere at Rating Volts	
POWER SOURCE	ACV 100/120/220/240V $\pm 10\%$, 50/60Hz	
ACCESSORIES	ACS-002 X2	ACS-002 X2 (9 PIN D-TYPE CONNECTOR X2)

Ordering Information :

6 3 0 2 A R S

IEC-1010-1
Safety Requirement

Remote Control

Analog Display

Current : 2A

Voltage : 30V

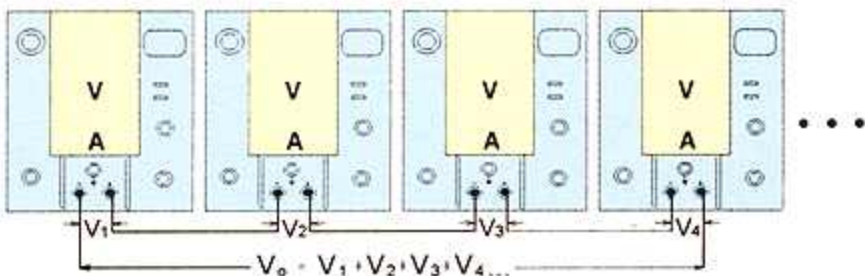
6000 Series

Model No.	Dimension	Model Type								Voltage/Current
6302	M	A	D	AR	DR	AS	DS	ARS	DRS	$\pm 30/2A, 5V/5A$
6303	M/(L)	A	D	AR	DR	(AS)	(DS)	(ARS)	(DRS)	$\pm 30/3A, 5V/5A$
6306	L	A	D	AR	DR					$\pm 30/6A, 5V/5A$
6603	L	A	D	AR	DR					$\pm 60/3A, 5V/5A$

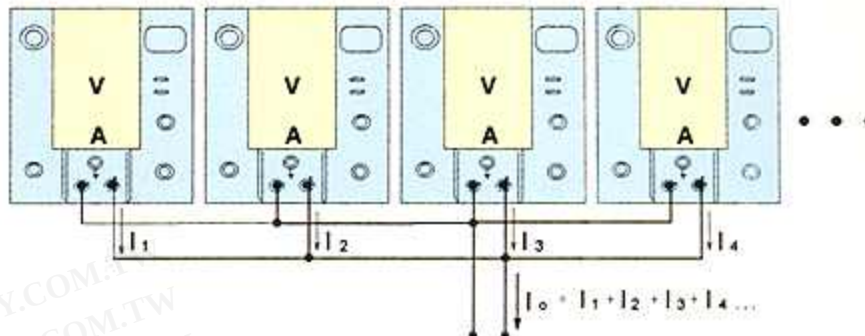
Dimension M SIZE : 324 (L) $\times$ 230 (W) $\times$ 160 (H) [Include Handle & Plastic-Foot]
 Dimension L SIZE : 366 (L) $\times$ 230 (W) $\times$ 160 (H) [Include Handle & Plastic-Foot]

ILLUSTRATION

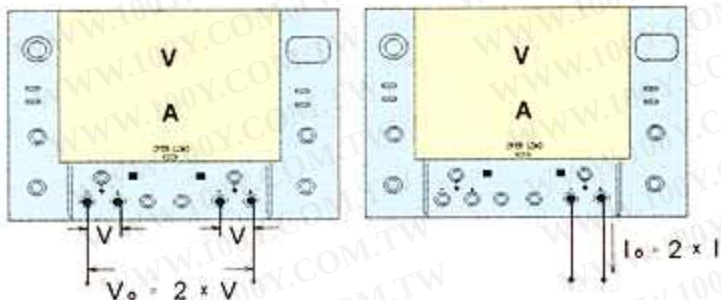
01 3000 series connected in series(up to 240V)



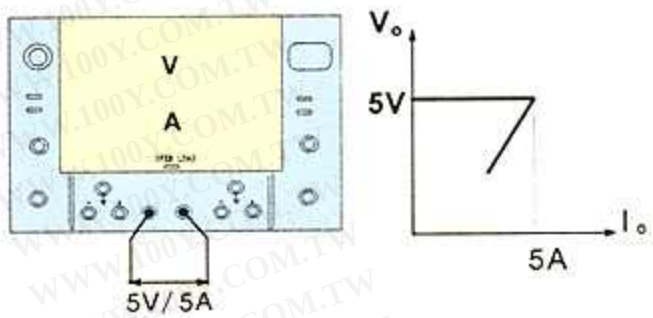
02 3000 series connected in parallel(up to 24A)



03 6000 series used in series/Parallel tracking mode to supply double output voltage/current

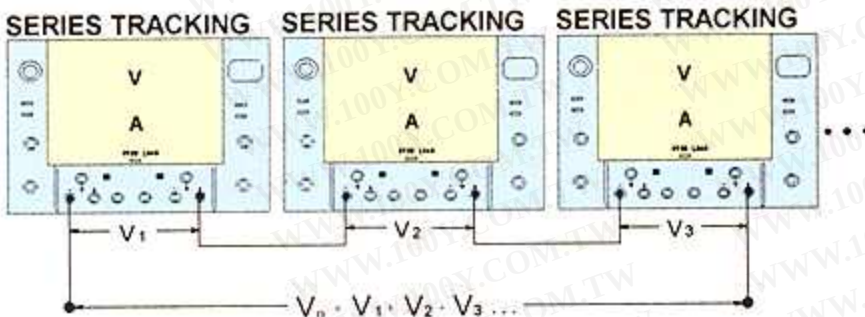


04 5V/5A fixed output

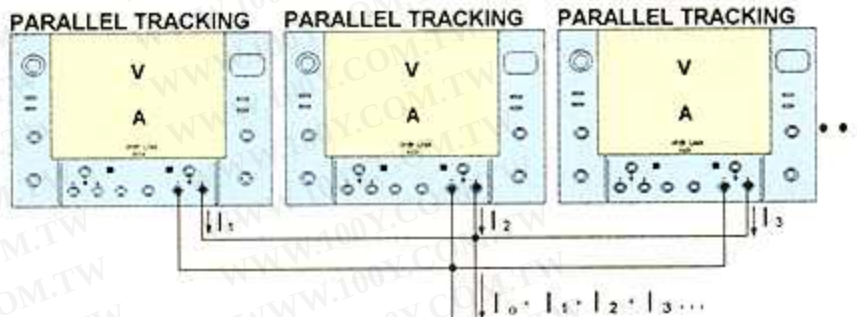


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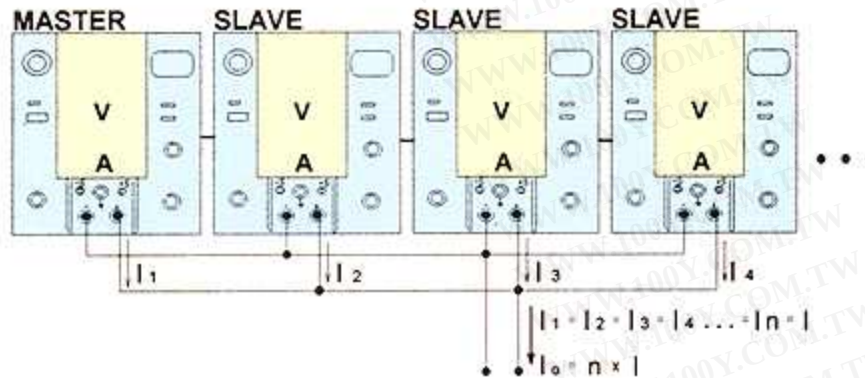
05 6000 series connected in series(up to 240V)



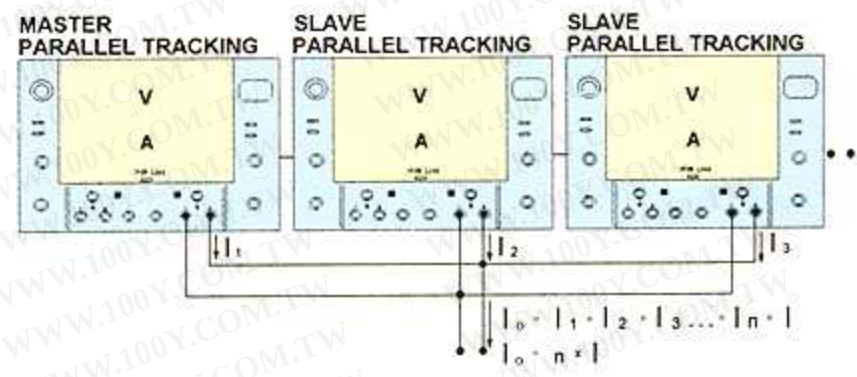
06 6000 series connected in parallel(up to 24A)



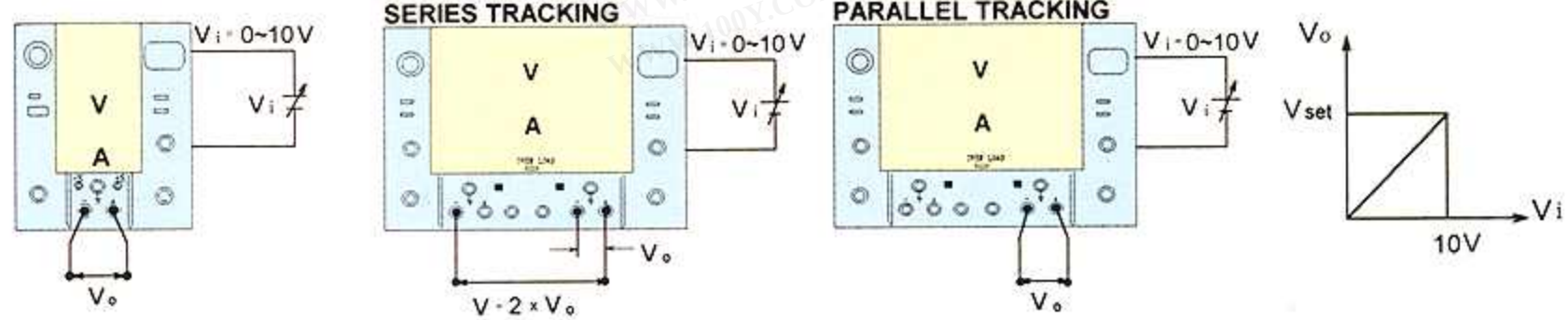
07 3000 remote series connected in parallel with master/slave control(up to 24A)



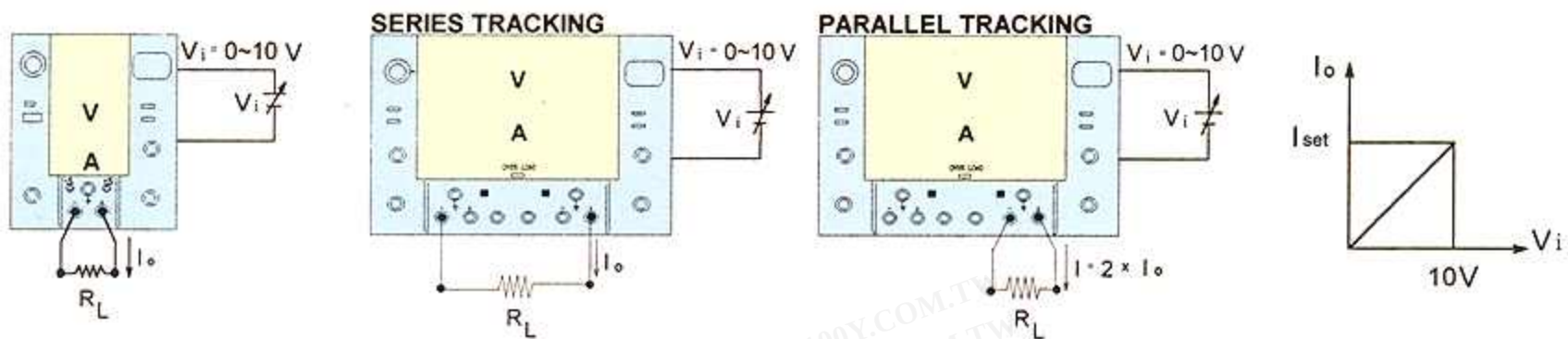
08 6000 remote series connected in parallel with master/slave control(up to 24A)



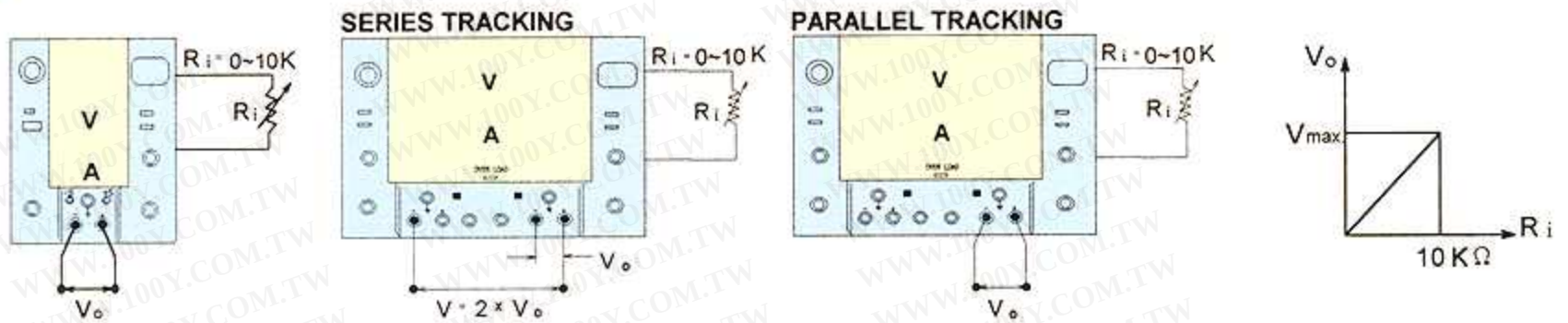
09 Output voltage controlled by external voltage(Remote series)



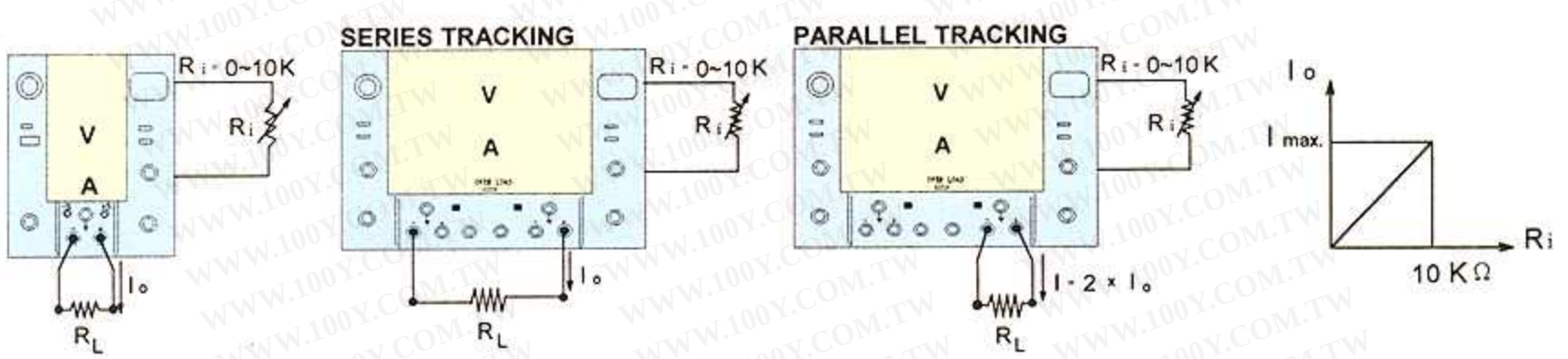
10 Output current controlled by external voltage(Remote series)



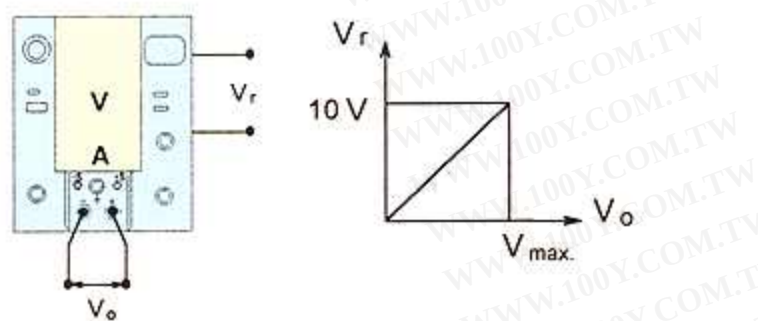
11 Output voltage controlled by external resistance(Remote series)



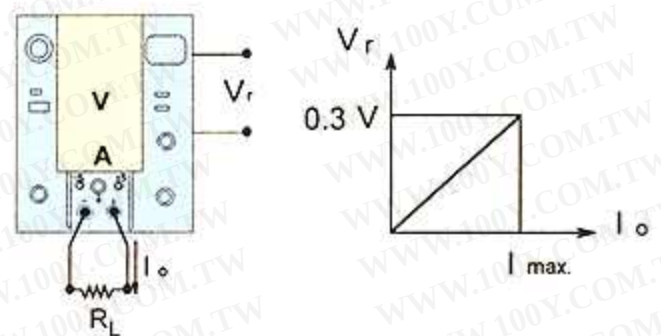
12 Output current controlled by external resistance(Remote series)



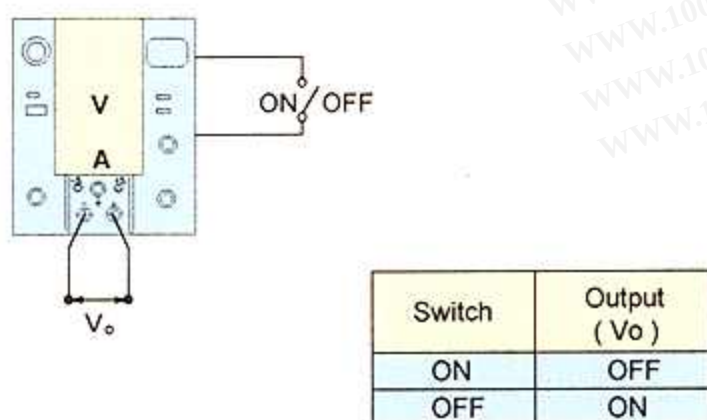
13 The output voltage can be proportionally read back



14 The output current can be proportionally read back



15 Output on/off control(3000 Remote series)



16 Remote sensing(3000 Remote series)

