STATRON
Gerätetechnik GmbH

RiSU
konform

Operation instruction
Type 2256.1
Power supply

The designated application of the electricity supply device encloses:
- The supply of an adjustable earth-free DC voltage in the area between 1.5 V to 15 V with a stream from 1.5A.

Attention Absolutely read!
Exactly peruse these instructions. With the damages which are caused by nonobservance of the instructions the guarantee claim goes out. For secondary damages we take over no liability.

1st short description

The electricity supply device is built up as a linear regulator. The nets voltage of 230 V 50 hertz becomes about a dividing transformer with connected at the outlet side bridge rectifier and loading condenser . The control of the transistor is on the control leader record. With the built-in potentiometer the source tension on the desired value can be put. The opposed value is readable on the analogous instrument.
The net protection is inserted in the device and accessible only after opening the case. (see security tips 2.6... 2.8!)
The device orders of an electronic stream limitation and temperature protection them the device and the consumer protect.

2. Safety notes

2,1 the power supply unit is in safety class system I as well as in accordance with VDE 0411 and VDE 0805 (EN60950) structured. The supply transformer is structured and with 3,75 kVeff is primarysecondarily checked according to DIN VDE 0551 as safety insulating transformer. It is radio-screened in accordance with VDE 0875T11 curve B. Es is equipped with a VDE checked main with protective grounding and may therefore only to 230-V- with protective grounding be operated or attached.

2,2 it is to be made certain that protective grounding (yellow/green) is interrupted neither in the main nor in the device or in the network, since with interrupted protective grounding mortal danger exists. It is to be made certain further that the isolation is damaged nor destroyed neither.

2,3 power supply units do not belong into child hands!

2,4 in commercial mechanisms is to be considered the rules for the prevention of accidents of the federation of the commercial for electrical system and resources.

2,5 in schools, training facilities, hobby and self-help workshops. is by hand possible for

2,6 when opening covers or removing from sections, except if this, can live sections be opened. Also interface can be live. Before an alignment, maintenance, a repair or an exchange of sections the device must be separate from all voltage supplies, if opening of the device is necessary. If thereafter an alignment, maintenance or a repair at the opened device under voltage are inevitable, may take place only by means of a specialist, who is familiar with the associated dangers or the relevant regulations for it.

2,7 condensers in the device can be still loaded, even if the device were separated from all voltage supplies.

2,8 it is to be guaranteed that only protections of the indicated type and the indicated call nominal current are used as back-up. The use of repaired protections or bridging the fuse holder is illegal. The device is overload-proof and short-circuit-protected. When burning the input protection through a serious error is therefore present, which must be eliminated by a specialist, before the new intact protection can be used by this specialist.

2,9 switching it your power supply unit never equivalent if it is brought by a cold into a warm space. The condensation developing thereby can destroy your device under unfavorable circumstances. Let the device unein switched to room temperature come. carrying of metallic or conductive decoration is forbidden to

2,10 with work with power supply units such as chains, bracelets, rings or the like.

2,11 power supply units are not certified for application at humans or animals.

2,12 during the series connection of the outputs one or several power supply units is produced lethal voltages (>35 VDC).

2,13 louvers of power supply units may not be taken off! The devices are on hard to place with difficulty inflammable documents so that air can occur the devices unhindered. The cooling of the devices takes place predominantly via convection.

2,14 power supply units and the attached consumers may not be operated unsupervised. Measures are to be taken to the protection and the protection of the attached consumers in relation to effects of the power supply units (e.g. overvoltages, failure of the power supply unit) and the effects and dangers outgoing from the consumers themselves (e.g. illegally high power input). Note! Sensitive consumers must be protected additionally by external measures against destruction!

2,15 in the event of an error can deliver power supply units voltages over 50 V DC voltage, from which dangers proceed, also then if the indicated output voltages of the devices lower is situated.

2,16 with work under voltage for it expressly certified tools may be only used.

2,17 the outputs of the power supply units (exit hub/clamps) and to it attached lines must be protected against direct contact. In addition the used lines must sufficient isolation or tension strain possess and the contact points be contact-voltage-proof (safety sockets).

2,18 shifting metallically bright lines and contacts is to be avoided. All these places are by suitable to take and to protect thus against direct contact with difficulty inflammable insulants or other measures off. Also the electrically leading sections of the attached consumers are to be protected by appropriate measures against direct contact.

2,19 if to assume it is that a safe operation is no longer possible, then is the device out of operation to set and against unintentional operation protect. It is to be assumed that a safe operation is no longer possible, if - the device or the mains cable visible damages indicates, - the device any longer does not operate, - after longer storage under unfavorable conditions, - after heavy transport stresses.

3. Bedienungselemente

1. socket plus
2. socket minus
3. net cable
4. LED
5. Set button
6. net switch
7. analog display

4th getting started

a) Connection
Connect the net plug of the electricity supply device with a 230outlet VAC and switch on the device with the net counter. The control - LED "ON" lights up.
temperature protection attention
At longer company with max. stream with small source tension or with short circuit the chill body in the device becomes very warm. With temperature protection of the chill body the device switches off itself independently (tension announcement (7) goes on value 0V). After an cooling from approx. 2-3min, the device can be started running by switching off and again turning on (6) once more.
b) Setting of the source tension
Put the source tension by means of the set button on the desired value. The announcement of the tension occurs in the installation instrument.
c) Connection of the load
To the apparatus clips security pipelines with plug 4 mms or pipelines can be clamped. Pay attention to properly connection of the consumer.
Attention
Follow absolutely the security tips under segment 2 of these instructions.
Care! Combustion danger!
Pay attention, hence, absolutely to a sufficient ventilation of the electricity supply device and never cover them the ventilation slits on the device waiter - or device underside to avoid possible damages.

5. technical data

Net voltage	:	230 VAC +6/-10%
Net frequency	:	50 bis 60 Hz
Net power	:	max. 40 W
output voltage	:	1,5V - 15V DC
output current	:	max.1,5A
CV - ripple	:	10mVeff
fuse	:	200 mA T
wig	:	ca. 1,5 kg
dimensions (B x H x T)	:	110 x 80 x 150

Surroundings conditions

temperature for working	:	+10 °C bis +35 °C
	:	max. 85 %
temperature range relative atmospheric humidity		
air pressure	:	800 bis 1333 hPa