



STATRON

power supply type 5359.3



read the instruction book careful before first use of the power supply. With harms, the through non-observance this instruction accrue, extinguishing the claim under guarantee plus cubit liability of the manufacturer from the follow the non-observance.

1. Bestimmungsgemäßer Gebrauch

this appliance is for the operational in closed rooms . It's at a safe fixedplace plus a sufficient ventilation to observe (ventilating louvres non- uncover!).

The appliance serves the provision a AC voltage or a d.c. voltage switchable of 2 V to 14 V/max.5A.

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-AC input voltage 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 professional association 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 stromstraerke 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 metallicly 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. operating

the appliance becomes a associate to the mains plug St 1 at a earthing contactsocket 230 V / 50 Hertz connected. Is responsible for seeing that the mains cable thus mislays will, that a damage the mains cable plus uni- pull down of the apparatus prevents will. With that of the mains switch S1 becomes a the appliance switched on and is thusaway ready for operation. With that of the turn-switch can the output voltage ac plus dc via the built in bridge recitifier associate subsequent electrolyt capacitor in 2 V stepped discontinued will. The decay the voltage takes place of the marked connector. The output voltage are additional a thermal automatic circuit breaker provided security for.

4. Application

the input voltage 230V / 50 Hertz is via the internal fuse Si1 plus the mains switch to transformer put. All output voltage are galvanic from the net separate. With that of the change-over switch can the on the silk-screen

printing stated voltages discontinued will. The built in bridge rectifier associate following charging condenser smooths the d.c. voltage. It is allowed respectively only one the exits charged will. With overcharge detaches the thermal cutout from, this can additional removal of the cause again set will. The appliance is universal usable, particularly in indoctrinate plus schools. For reasons of safety is additionally assistant the ventilation slot uni- colander welded..

5. security advice

Alternating the built in fuse si 1 :

attention ! It is allowed only the prescribed fuse (value see sticker)
of a specialist changed will !

The cutout can additional removal of the overload from the user auto- again set will.,

Type	85 21 112
spezifikation	isolating transformer
*output voltage AC	2-14V
	bridge rectifier
* output voltage DC	2-14V
*output current	5A
dimensions (B x H x T):	140 x 130 x 210 mm
wigth	3,0 kg
Input voltage	230V +/-10% 50 Hz
output voltage DC	elko DC output
display	screenprint
Safty class	I
mains fuse:	Fuse in the side and circuit breaker
color	RAL 7035
Connection input	AC power line
Connection output	4 mm clamp
Insulation test voltage	EN61010; EN61558-2-4
Operating temperature	0 - 50°C
EMV	EN61000-6-3; EN61000-6-2