



USER MANUAL



LOW VOLTAGE POWER SUPPLY



ΔΗΛΩΣΗ ΣΥΜΜΟΡΦΩΣΗΣ ΕΚ
EC DECLARATION OF CONFORMITY



Εταιρική επωνυμία και πλήρη διεύθυνση του κατασκευαστή

Business name and full address of the manufacturer

Σφραγίδα εντολοδόχου

Stamp and signature of authorized representative

Ο κατασκευαστής με αποκλειστική του ευθύνη για το μηχάνημα που αναφέρεται παρακάτω:

The manufacturer is solely responsible for the machine listed below:

Γενική Ονομασία:

ΤΡΟΦΟΔΟΤΙΚΟ

Generic Denomination:

Τύπος-Εμπορική Ονομασία -

Αριθμός Σειράς

Type-Commercial Name -

Serial Number

Δηλώνει, ρητώς, ότι το παραπάνω αναφερόμενο μηχάνημα ανταποκρίνεται σε όλες τις συναφείς διατάξεις της παρούσας οδηγίας και ότι συμμορφώνεται με όλες τις ισχύουσες βασικές απαιτήσεις υγείας και ασφάλειας του παραρτήματος I της οδηγίας για τα μηχανήματα, και είναι εναρμονισμένο με τα ακόλουθα πρότυπα:

Declares expressly that the machinery referred to above meets all the relevant provisions of the Machinery Directive, complies with all the applicable essential health and safety requirements of Annex I to the Machinery Directive, and is in conformity with the following standards:

EN 61204-7:2018

Το μηχάνημα ανταποκρίνεται σε όλες τις σχετικές διατάξεις της οδηγίας για τα μηχανήματα :

The machinery fulfils all the relevant provisions of the machinery directive :

2014/35/EC

Low Voltage Directive



TOPALIDIS PAVLOS
CE KOORDINATOR P.C. I.K.E.

ΥΠΗΡΕΣΙΕΣ ΜΗΧΑΝΙΚΩΝ-ΠΙΣΤΟΠΟΙΗΣΕΩΝ

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- 17/7/2025

Όνομα και τη διεύθυνση του προσώπου του εξουσιοδοτημένου να καταρτίσει τον τεχνικό φάκελο:

Name and address of the person authorised to compile the technical file

Στοιχεία και υπογραφή του προσώπου που έχει εξουσιοδοτηθεί για τη σύνταξη της εν λόγω δήλωσης εξ ονόματος του κατασκευαστή - Τόπος- Ημερομηνία

Identity and signature of the person empowered to draw up the declaration



The manufacturer hereby warrants the proper functioning of the machinery referred to below

TYPE OF MACHINE	
SERIES NUMBER	
DATE OF PURCHASE	
SUPPLIER (stamp & signature)	

This warranty is valid for 12 months from the date of purchase of the machine.

The manufacturer guarantees the good functioning of the machine. This warranty shall cease to apply as soon as:

- The machine has been used for a purpose other than that for which it was intended
- The machine has been used for a purpose other than that for which it was intended.

Damage caused by incorrect use.

FOR THE
MANUFACTURER

THE
PURCHASER

(the representative - stamp & signature)

This user, assembly and maintenance manual is part of the study for the harmonisation of the machine with the European Safety Regulation 2014/35 EC

According to the study it may bear the CE marking.

This manual is an integral part of the **Low Voltage Power Supply Machine** and must be available to anyone who wishes to commission, maintain, repair or adjust the operation of the machine and for easy and quick reference. It must be kept near the machinery in a place free from moisture, dust or high temperature. In case of damage or loss, request a copy from the manufacturer or authorised representative. The manufacturer is not responsible for problems caused by improper or incorrect installation and service. Only trained operators - maintenance personnel should operate or maintain these machines.

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that has designed and manufactured the machine.

SAFETY REGULATIONS AND GENERAL INSTRUCTIONS - GENERAL REMARKS

Use the appliance only within the specified environmental and operating conditions.

Obtain the intended use of the connected devices from the relevant documents.

1. Inappropriate use

Protection of personnel and the installation is not ensured if the device is not used in accordance with its intended use.

2. Mounting and installation

Before mounting, installing and testing the device, you should familiarise yourself with the device and read the manual carefully.

Observe the installation instructions in accordance with the IEE (International Electrotechnical Commission)/EN 60079-14 standard.

The appliance must be disconnected from the power supply before installation and maintenance.

The power supply can only be switched on after all the circuits required for operation are fully assembled and connected.

Safety markings can be found on the name tag provided. Make sure the name label is present and legible. Take into account the environmental conditions.

Use only accessories specified by the manufacturer.

Protect the circuit from overvoltage (e.g. lightning). Ensure that all connecting components are present.

Observe the tightening torque of the screws.

The enclosure has a ground connection. Connect an equipotential conductor with a minimum cross-section of 4 mm² to this earth connection.

Connect all uncovered non-actuated metal parts of the protective conductor.

Ensure that the external earth connections are present, are in good condition and are not damaged or corroded.

Ensure that the terminals are in good condition and are not damaged or corroded. Place the device in a watertight location.

Ensure that the operating site has sufficient soil load bearing capacity.

Protect the appliance from long-term or excessive vibration.

The device is heavy. To avoid injury or property damage, make appropriate provisions for the installation procedure.

2.1. Requirements for cables and connection lines

Install cables and connecting lines in such a way that they are protected from ultraviolet radiation.

Install the chains and gaiters in such a way that they are not exposed to mechanical hazards.

The dielectric strength of the joint shall be at least 500 V according to IEC/EN 60079-14.

Observe the permissible core cross-section of the conductor.

The cable stripping length must be taken into account. When laying the conductors, the insulation must reach the terminal.

When using stranded conductors, push the cable terminals to the ends of the conductors. Observe the minimum bending radius of the conductors.

The nominal core cross-section of a connected conductor is 2.5 mm² (solid, thin stranded and twisted).

2.2. Requirements for glands

Use only one connection line per opening. Use only one conductor per terminal.

Adjust the sealing element of the gland to the diameter of the cables and connecting lines used.

Make sure that all the glands are in good condition and well tightened._

2.3. Requirements concerning the electrostatic load

Avoid electrostatic loads that may lead to electrostatic discharges during installation, operation or maintenance of the appliance.

Avoid unacceptably high electrostatic loads on cables and connection lines. Observe the maximum permissible length of cables and connecting lines.

Include the metal housing components in the equivalence bond. The electrostatic charge poses a risk of ignition in case of discharge

3. Enclosures

The enclosure shall not be opened when the device is switched on.

When the cover is in place, make sure that all the connecting parts are fully tightened.

Position the device so that it complies with the specified degree of protection according to IEC/EN 60529.

Make sure that the housing is not damaged, deformed or corroded. Ensure that all seals are clean, intact and properly installed. Tighten all housing/housing cover screws to the correct torque.

For grommets, use only the appropriate size diameter incoming cable diameter.

Close all unused glands with the appropriate sealing gaskets.

Close all holes of unused enclosures with the appropriate sealing caps.

4. Operation, maintenance, repair

Familiarise yourself with the product before using it. Read the manual carefully. Do not repair, modify or tamper with the appliance.

Do not use a device that is damaged or dirty. If the device is installed in a potentially explosive atmosphere due to dust, periodically remove dust layers exceeding 5 mm.

If damaged, replace the device with an original device. Observe the warning signs.

Do not remove the warning signs. The temperature of the appliance may rise considerably during operation. To protect the appliance from overheating, observe the required tolerance as well as sufficient ventilation when installing the appliance.

The enclosure is factory sealed. Do not open the enclosure.

Unplug the device before connecting or disconnecting the terminals. After switching off the device, a specified delay time must be observed before the device is opened.

cover is opened.

If cleaning is necessary while the device is in a hazardous area, in order to avoid electrostatic charge use only a clean damp cloth.

Observe IEC/EN 60079-17 for maintenance and inspection.

You can see the temperature ranges depending on the temperature class in the certificate of the EU type examination declaration.

Remove dust before opening the terminal compartment.

5. Delivery, transport, disposal

Check the packaging and its contents for damage.

Check if you received each item and if the items you received are what you ordered.

Always store and transport the device in the original packaging.

Store the device in a clean and dry environment. You must take into account the permissible environmental conditions, see data sheet.

The disposal of the appliance, the packaging and any batteries contained therein must be carried out in accordance with the applicable__