



Isolating transformer

ERT 230/230/4 L

Instruction manual

Technical data:

input:	230V AC; 50/60 Hz; +10%/-10%
output:	230V AC; main isolated
output current:	4 amps
mode of operation:	continous operation
degree of protection:	1
protection system:	IP 20
test voltage:	
prim. – sec.:	4 kV
safeguarding:	
prim.:	G-fuse, 5x20, 4 amps / double time-lag
sec.:	G-fuse, 5x20, 4 amps / time-lag
transformer:	temperature fuse 128°C
ambient temperatur:	max. 40°C
building in conformity with:	isolating transformer according to EN 61558-1 and EN 61558-2-4
approbation :	CE
dimensions:	
width	200mm
height	125mm
depth	310mm
weight:	ca. 10kg
input / output:	Device with 1,5m cable with safety plug for input and a front-side socket without protective conductor for output.

Attention:

Damages caused by non-observance of the instruction manual the warranty claim expires.
Subject to technical changes.

The isolating transformer acts as a galvanic isolation of consumer loads from the grid-type-network. He is only suitable for dryly rooms. The ambient temperature should not increase over 40°C.

The device has a 1,5m cable with safety plug for input and a front-side socket without protective conductor for output. In doing so the power of the consumer loads must not exceed the output power of the equipment according to the label (920 VA).

Attention:

Only **one** consumer at the same time may be connected to the transformer. It is not permitted to connect several devices to use the unit as a distributor. In case of a malfunctioning device, the earth potential would be fed to other connected devices as well. This implicates that the output voltage would no longer be free from potential.

In case the equipment does not supply any output voltage, the input and output fuse is to be checked.

To avoid unallowable heating of the equipment, the casing must not be covered.

Toroidal transformers have a high starting current. The pre-connected fuse do not allow such a high inrush current. To avoid blasting the preliminary fuse while powering on the insulating transformer, the switch on works with an in-rush-current-limiter. This only takes effect if activating the unit with the built-in power-switch.

For the warranty of security for users tampering with the equipment by consumers are prohibited. In case any repairing is necessary the equipment is to be send to the manufacturer.

We are at you disposal for any enquiries as well as for our further production program.

- single or three phase regulating toroidal autotransformers
- single phase isolating regulating transformers
- isolating and regulating transformer units type TSE
- regulating transformers with motor drive
- electronic servo control system for motor operated variable toroidal transformers
- safety insulation transformers according EN 60601-1
- cased regulating transformers
- line voltage regulators
- cathodic protection rectifiers SG
- high voltage tester HS 0106 / 0110 / 011 / 0120