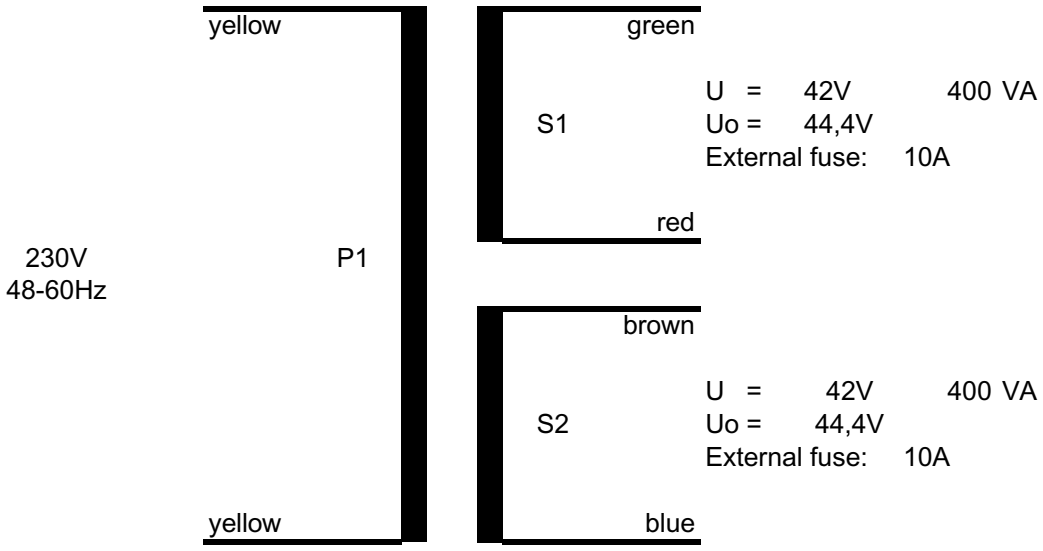
Customer: ***ELFA AB*** **Transf. No.** ***AA-98050-AU***
56-139-97 **Designed:** ***1999-04-16 / ts***



Classification

Protection against electrical shock:	Isolating Transformer
Protection index:	IP00
Protection against short-circuit and abnormal use:	Non-short-circuit proof
Time of operation:	Continously
Intended use:	Incorporated
Ambient temperature / Material Classification:	Ta40/E

Assembling:	Potted on a plastic plate with two mounting holes for M8 screws.
Dimensions:	OD = 195 mm H = 90 mm
Terminations:	Prim: Multistranded Wire Style 3266. Awg 18 L = 200mm Sec: Solid Copper insulated with tubes of Natvar. L = 200mm

Label on the paper box.

Toroid International AB
Transf.No. AA-98050-AU

ELFA P/N: 56-139-97

Label on transformer.

Toroid International AB
Transf.No. AA-98050-AU
Prim. 230V 48-60Hz ye-ye IP00 ta40/E
Sec. 2x 42V 800 VA gn-re/bn-bu

Declaration of Insulation Transformer No. ***AA-98050-AU***
Customer: ***ELFA AB***
Customer Part No: ***56-139-97***

This transformer is CSA- and UL-Recognized, File No. E115159, according to following standards:

UL1950 & CAN/CSA C22.2 No. 950-95
Standard for safety for Information Technology Equipment, including Electrical Business Equipment.

UL6500 & CAN/CSA E60065-00
Audio/Video and Musical Instrument Apparatus for Household, Commercial, and Similar General Use

The construction of this transformer also fulfill the requirements according to IEC 601.1, EN 61558-1, EN 60 950, EN 60 065, UL 2601.1, UL 1411.

Core.
The core is tapewound with cold-rolled grainoriented silicon steel.
Core Dimensions: 160x90x50 mm

Core Protection.
The core is insulated with end caps made of Polyamid 66.
UL-Approved under Guide QMFZ2. Flame Class UL 94V-2. Approved for 130°C.

Copper Wire.
Polyesterimid enamelled copper wire, according to IEC 317-13.
Approved for min. 180°C.

Primary Termination.
Stranded wire: Awg 18
UL-Approved under Guide AVLV2, Style 3266. Approved for 300V and 125°C.
Plus an extra insulation tube. UL-Approved under Guide YDPU2. Approved for 105°C.

Secondary Termination.
The wire ends are insulated with insulation tubes.
UL-Approved under Guide YDPU2. Approved for 300V and 105°C.

Insulation Primary - Secondary.
The insulation between the primary and the secondary consists of min. six layers of 0,05mm thick Polyester film (total thickness min. 0,3mm).
UL-Approved under Guide QMFZ2. Flame Class UL 94VTM-2. Approved for 130°C.

Two of these layers withstands together 4000Vac for one minute. The creep distance exceeds 8mm and the insulation resistanceis more than 5000 Megohm.

Final Insulation.
The outer insulation consists of min. two layers of 0,05mm thick Polyester film.
UL-Approved under Guide QMFZ2. Flame Class UL 94VTM-2. Approved for 130°C.

Potted on a plastic plate.
The centre hole is filled with self-extingushing Polyurethane.
UL-Approved under Guide QMFZ2. Approved for 120°C. Flash point: Over 200°C.

EC/EEA Declaration of conformity

Type of equipment: **Isolating Transformer**

Brand name: **Toroid**

Part no: **AA-98050-AU**

Customer: **ELFA AB** **56-139-97**

Manufactures:

Toroid International (Pvt) Ltd
PO Box 15, Phase 2, FTZ
Katunayake, Sri-Lanka

Toroid International AB
Box 3
351 03 Växjö, Sweden

Toroid India Pvt Ltd
Technopark Campus
Trivandrum 695 581
Kerala, India

Manufacture´s representative within EEA:
Toroid International AB
Box 3
351 03 Växjö, Sweden

As the manufacturer´s authorised representative established within EEA, we declare that the product is in conformity with the provision of the EC directives: Low Voltage Directiven (LVD) 73/23/EEG, 93/68/EEG

The product fulfils the requirements according to the following harmonised standards:
EN 61558-1, EN 60 950, EN 60 065 and IEC 601-1.

All transformers have been inspected and tested with approved result according to the following:

1. Ocular inspection
2. No-load input current
3. No-load secondary voltage
4. Dielectric strength between primary an

The product is to be regarded as a modular component to be used in an electric apparatus that in turn has to fulfil the EMC - directives.

The product itself does not need to be EMC approved for CE marking according to directive 89/336/EEG, 92/31/EEG and 93/68/EEG

Date: 2003-05-07

Thomas Svensson / Design engineer