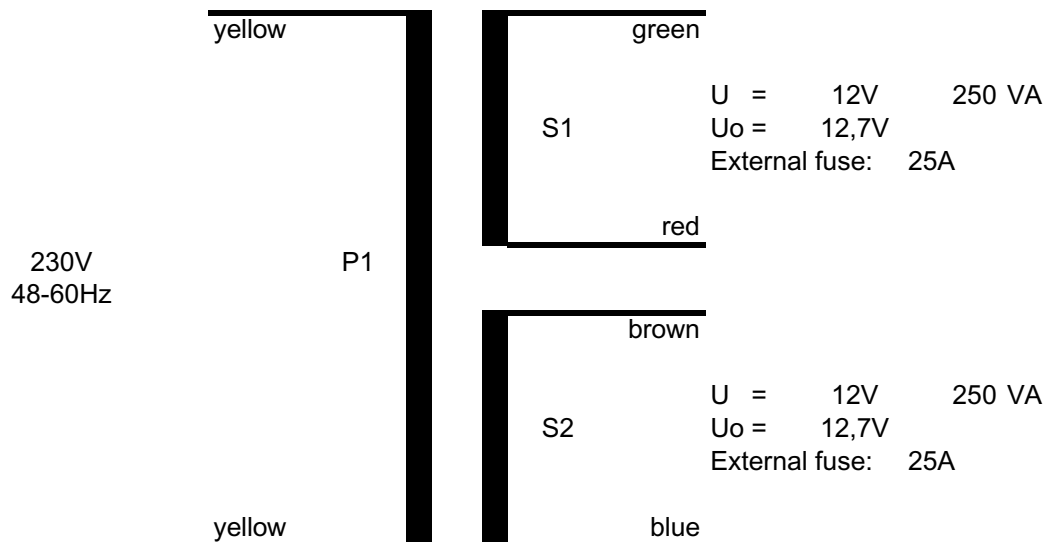




**Customer: ELFA AB**  
56-127-00

**Transf. No. AA-58058**  
**Designed: 1995-03-27 / ts**



#### Classification

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

Assembling: Mounted on a metal plate (130 x 130mm) with four mounting holes.

Dimensions:

|      |     |    |
|------|-----|----|
| OD = | 135 | mm |
| H =  | 70  | mm |

Terminations:

|       |                                              |        |           |
|-------|----------------------------------------------|--------|-----------|
| Prim: | Multistranded Wire Style 3266.               | Awg 20 | L = 200mm |
| Sec:  | Solid Copper insulated with tubes of Natvar. |        | L = 200mm |

Label on the paper box.

|  |                                |
|--|--------------------------------|
|  | <b>Toroid International AB</b> |
|  | <b>Transf.No. AA-58058</b>     |
|  | <b>ELFA P/N: 56-127-00</b>     |

Label on transformer.

|  |                                 |                    |
|--|---------------------------------|--------------------|
|  | <b>Toroid International AB</b>  |                    |
|  | <b>Transf.No. AA-58058</b>      |                    |
|  | <b>Prim. 230V 48-60Hz ye-ye</b> |                    |
|  | <b>Sec. 2x 12V 500 VA</b>       | <b>gn-re/bn-bu</b> |
|  |                                 | <b>Fuse: 25A</b>   |



**Declaration of Insulation Transformer No.**                      **AA-58058**  
**Customer:**                                                                      **ELFA AB**  
**Customer Part No:**                                                              **56-127-00**

***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.*

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 6500, UL 1411.

**Core.**

The core is tapewound with cold-rolled grainoriented silicon steel.

Core Dimensions:                                                              120x70x40 mm

**Core Protection.**

The core is insulated with min. four layers of 0,05mm thick Polyesterfilm.

UL-Approved under Guide QMFZ2. Flame Class UL 94VTM-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 20

UL-Approved under Guide AVL2, 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 resistance is 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.

**Mounting Hardware.**

Metal plate (130x130mm) and one metal washer and two rubber pads.



## EC/EEA Declaration of conformity

Type of equipment: **Safety Isolating Transformer**

Brand name: **Toroid**

Part no: **AA-58058**

Customer: **ELFA AB** **56-127-00**

Manufactures: Toroid International (Pvt) Ltd Toroid International AB  
PO Box 15, Phase 2, FTZ Box 3  
Katunayake, Sri-Lanka 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

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Thomas Svensson / Design engineer