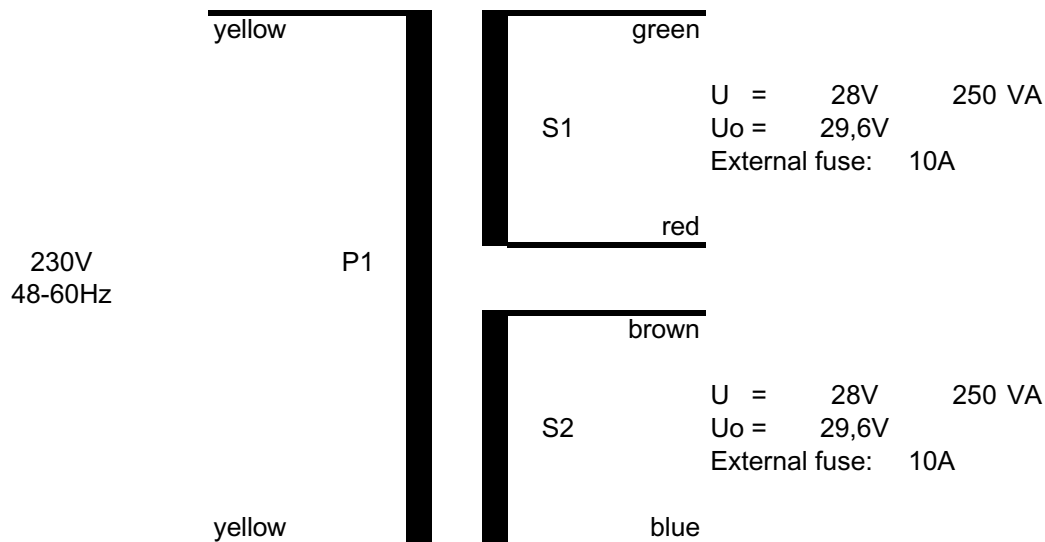




**Customer: ELFA AB**  
56-127-59

**Transf. No. AA-58061**  
**Designed: 1995-03-27 / 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:	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-58061</b>
	<b>ELFA P/N: 56-127-59</b>

Label on transformer.

	<b>Toroid International AB</b>	
	<b>Transf.No. AA-58061</b>	
	<b>Prim. 230V 48-60Hz ye-ye</b>	
	<b>Sec. 2x 28V 500 VA</b>	<b>gn-re/bn-bu</b>
		<b>Fuse: 10A</b>



**Declaration of Insulation Transformer No.** AA-58061  
**Customer:** ELFA AB  
**Customer Part No:** 56-127-59

*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:* **Isolating Transformer**

*Brand name:* **Toroid**

*Part no:* **AA-58061**

*Customer:* **ELFA AB** **56-127-59**

<i>Manufactures:</i>	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	<i>Manufacture's representative within EEA:</i> 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*