

# Elma TT

## Logistik GmbH

Constructional data for isolating transformers and safety transformers:

1.3 Reference of type : PV/1-21713  
1.4 Trade mark : CONRAD  
1.5 Other markings : IZ 62 - Conrad Art. Nr. 514322  
1.6 Europe standard : EN 61558 - 2 - 6

2.1 Protection against electric shock : Non short.circuit proof  
2.2 Class of protection to IEC 529 : IP 00  
2.3 Type of construction (Isolating transformer, Transformer for toys) : Safety-isolating transformer  
2.4 Stationary Transformer : Stationary, to built-in transformer  
Portable Transformer :  
2.5 Protection against short-circuit according to Sub-clause inherently short-circuit proof :  
non-inherently short-circuit proof :  
non short-circuit proof : Non short-circuit proof  
fail safe  
(rated current of the cutout)  
2.6 Rated maximum ambient temperature :  $t_a$  40 °C  
2.7 Class : B Insulation : IEC 60 085 and IEC 60 216

### 3. Electrical values

		prim :	sec:
3.1 Rated voltage(s)	V :	230	6 – 8 – 10 – 12
3.2 Rated frequency	Hz :	50	
3.3 Rated current	A :	0,25	4,0
3.4 Rated output	VA :		48

### 4. Windings

4.1 Coil base,	number :	1	
	material :	Duretan AKV 30 H – PA 6.6	
4.2 Material of layer insulation :		Film poliestere 0.13 , classe B-130 - Teflex	
4.3 Windings,	number :	1081	32 + 10 + 10 + 10
	material :	Enoflex G1 – S180	G2 Mediotherm 200
4.4 Diameter of wire (mm) :		0,28	1,2

4.5 Windings insulation, material : polyurethane polyamide polyamide-imide

## 5. Iron core

5.1 Sheet metall, material : EI 84 V 530 – 50

main dimensions : 84x70x28

5.2 Cross-sectional drawing : See specification of insulation materials

## 6. Type of construction

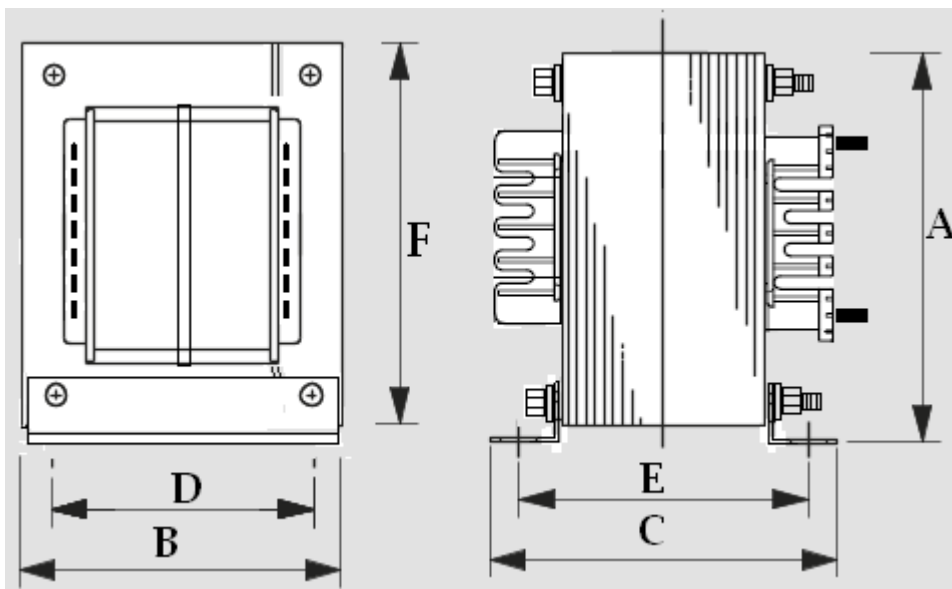
6.1 Open – Covered – In case protection : Open

6.2 Impregnated – Undrowned – Drowned : Impregnated

6.3 Soaking (liquor) :

6.4 Underpressure – Overpressure – Soaking at : Soaking

6.5 Drown material : 1K – Deatech Nr. 822.125



A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	Weight (kg)
88	70	58	56	45	84	1,35

## 7. Label

**514 322**

**48VA / 4A**



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**1 - 6= 230V**

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**12 - 14= 6V    12 - 3=10V**

**12 - 16= 8V    12 - 9=12V**

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13.01.2010