

# Elma TT

## Logistik GmbH

Constructional data for isolating transformers and safety transformers:

1.3 Reference of type : PV/1-21697  
1.4 Trade mark : CONRAD  
1.5 Other markings : IZ 72 - Conrad Art. Nr. 514683  
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	12
3.2 Rated frequency	Hz :	50	
3.3 Rated current	A :	0,87	15,0
3.4 Rated output	VA :		180

### 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 : 575 33  
material : Enoflex G1 – S180 G2 Mediotherm 200

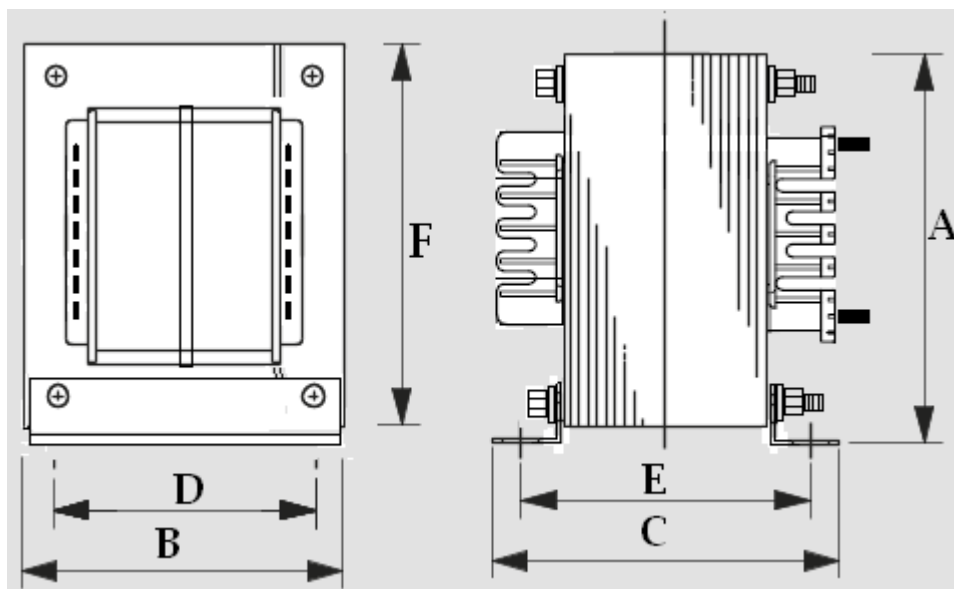
4.4 Diameter of wire (mm) : 0,6 2,36  
 4.5 Windings insulation, material : polyurethane polyamide polyamide-imide

## 5. Iron core

5.1 Sheet metall, material : EI 96 V 530 – 50  
 main dimensions : 96x80x45  
 5.2 Cross-sectional drawing : See specification of insulation materials

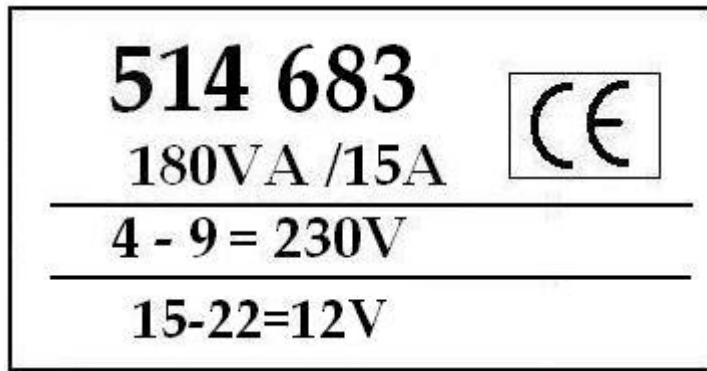
## 6. Type of construction

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)
102	80	85	63	69	96	2,8

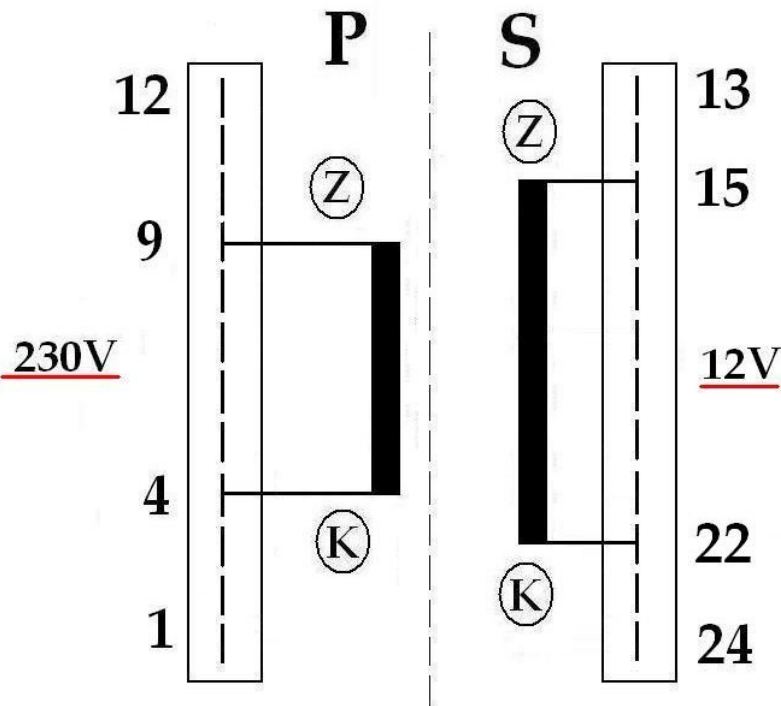
## 7. Label




ELMA TT

13.01.2010

	Število kosov:	Naročnik : (011)	Rok izdelave :	Delovni nalog :	Izdelek : IZ	
		<b>CONRAD</b>			<b>72</b>	
	<b>1</b> fazni a/to - transformator - dužilka	Velikost:	3245	Izdelal: V.D.	Datum: 10.9.93	Šifra LARGO : 7622
Tip:	PV/1 - 21697	Moč:	180 VA	Sponke in ostali sestavni elementi in deli	Količina	Merska enota
Tov.štev.:		Frekv.:	50 Hz			
Primar:	230 V		0,87 A			
Sekundar:	12 V		15 A			
Stik:	Ii0	Zaščita : IP	Intermitenca ED : %	DN izdal :	Datum:	Podpis:
Opombe :	<b>IZVEDBA IN VEZAVA PO SKICI !!!</b>			Konstrukcija		
Skice - oznake - nalepke :	<div style="border: 1px solid red; padding: 5px; display: inline-block;">           Pokrov vsake škatle (MA 564) zalepiti s selotejpm !!!         </div>			Prodaja		
	<div style="border: 1px solid red; padding: 5px; display: inline-block;"> <b>514 - 683</b> </div>			Nabava		
	Lakiranje - zaščita : <b>F - LAK</b>			Tehnologija		
				Planska služba		
				Proizvodnja		



<b>514 683</b>	
180VA /15A	
4 - 9 = 230V	
15-22=12V	