

Elma TT

Logistik GmbH

Constructional data for isolating transformers and safety transformers:

1.3 Reference of type : PV/1-21691
1.4 Trade mark : CONRAD
1.5 Other markings : IZ 61 - Conrad Art. Nr. 514306
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 / 12
3.2 Rated frequency	Hz :	50	
3.3 Rated current	A :	0,177	1,7 / 1,7
3.4 Rated output	VA :		40,8

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 :	1352	81 / 81
	material :	Enoflex G1 – S180	Enoflex G1 – S180

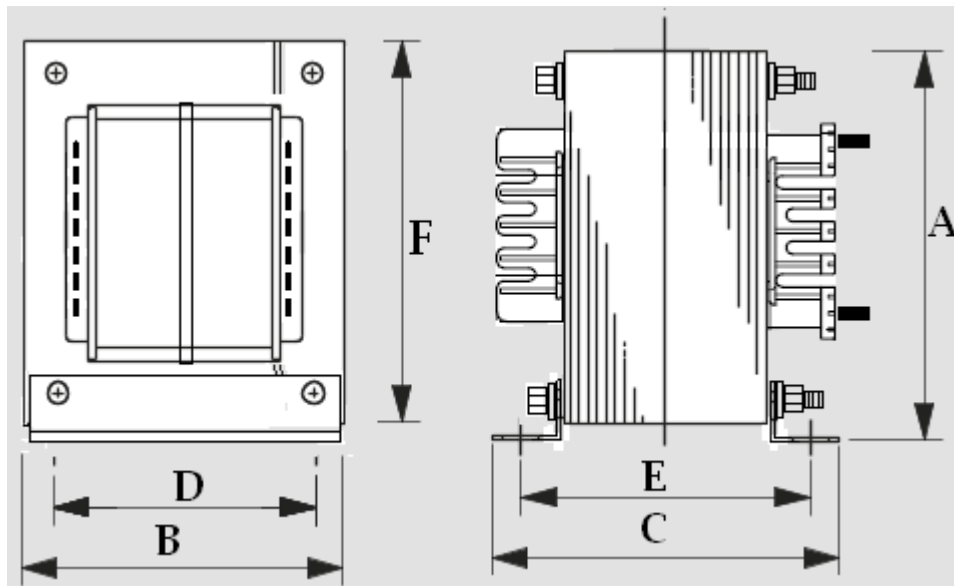
4.4 Diameter of wire (mm) : 0,22 0,6 / 0,6
 4.5 Windings insulation, material : polyurethane polyamide polyurethane polyamide

5. Iron core

5.1 Sheet metall, material : EI 60 V 530 – 50
 main dimensions : 60x50x30
 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)
64,5	50	57	44	46	60	0,74

7. Label

514 306

40.8VA / 1.7A



4 - 6= 230V

8 - 10= 12V

12 - 14= 12V

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13.01.2010