

Elma TT

Logistik GmbH

Constructional data for isolating transformers and safety transformers:

1.3 Reference of type : PV/1-21695
1.4 Trade mark : CONRAD
1.5 Other markings : IZ 70 - Conrad Art. Nr. 514497
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	32 / 8
3.2 Rated frequency	Hz :	50	
3.3 Rated current	A :	0,49	3,5 / 0,1
3.4 Rated output	VA :		112,8

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

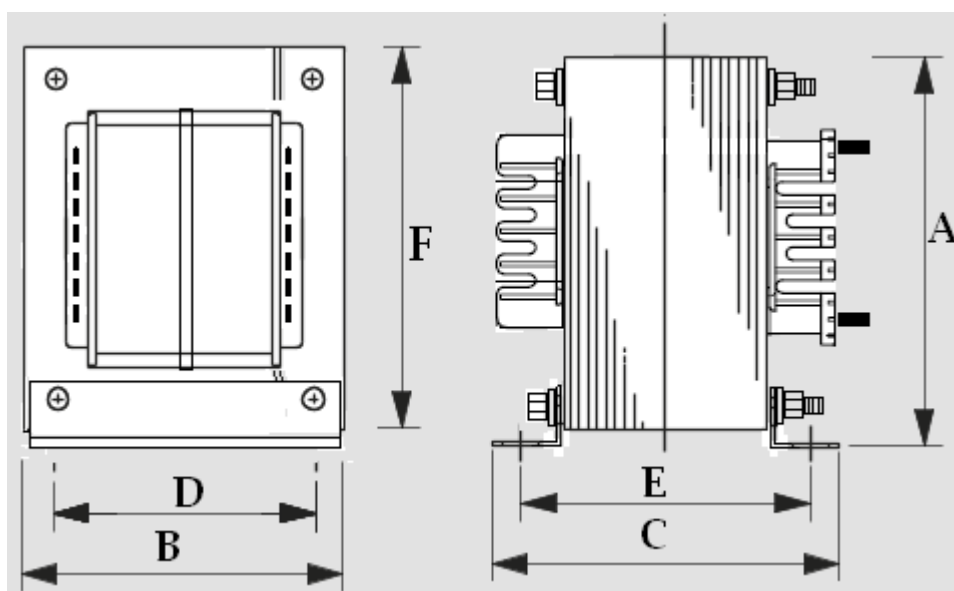
4.3 Windings, number : 727 104 / 28
 material : Enoflex G1 – S180 G2 Mediotherm 200
 4.4 Diameter of wire (mm) : 0,4 1,1 / 0,18
 4.5 Windings insulation, material : polyurethane polyamide polyamide-imide

5. Iron core

5.1 Sheet metall, material : EI 84 V 530 – 50
 main dimensions : 84x70x43
 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	73	56	60	84	2,0

7. Label

514 497



112VA / 3,5A

3 - 8= 230V

12 - 14= 32V

17 - 19= 8V - 0,8VA/0,1A

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