

Elma TT

Logistik GmbH

Constructional data for isolating transformers and safety transformers:

1.3 Reference of type : PV/1-21696
1.4 Trade mark : CONRAD
1.5 Other markings : IZ 67 - Conrad Art. Nr. 515671
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 | 20 / 20 |
| 3.2 Rated frequency | Hz : | 50 | |
| 3.3 Rated current | A : | 0,35 | 2 / 2 |
| 3.4 Rated output | VA : | | 80 |

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 | 102 / 102 |
| | material : | Enoflex G1 – S180 | G2 Mediotherm 200 |
| 4.4 Diameter of wire (mm) : | | 0,35 | 0,8 / 0,8 |

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

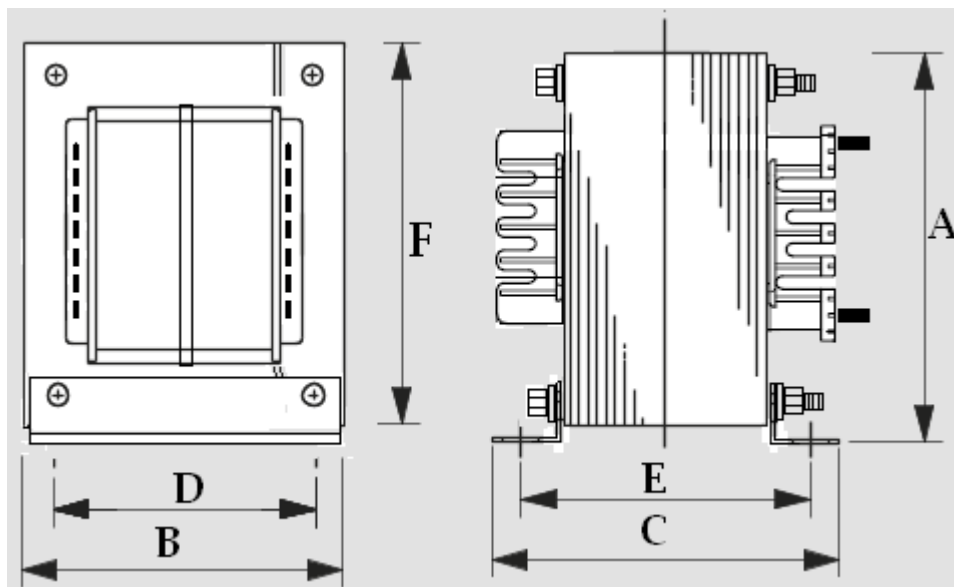
6.1 Open – Covered – In case protection : Open

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 | 1,5 |

7. Label

515 671

80VA / 2A



3 - 8= 230V

12 - 14= 20V

17 - 19= 20V

ELMA TT

13.01.2010